ACIDIC PRECIPITATION
IN ONTARIO STUDY

ANNUAL STATISTICS
OF CONCENTRATION:
CUMULATIVE AMBIENT
AIR MONITORING NETWORK
1988

**JULY 1990** 





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ANNUAL STATISTICS OF CONCENTRATION:

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1988

Report prepared by: Atmospheric Research and Special Projects Section Air Resources Branch Ontario Ministry of the Environment

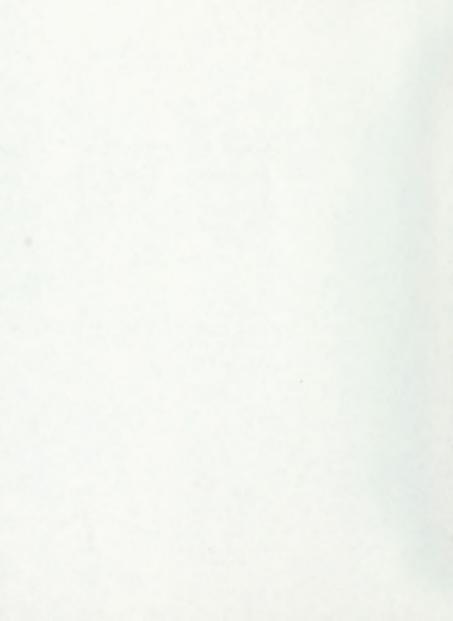
ARB-003-90

JULY 1990



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#### ACKNOWLEDGEMENTS

This report was prepared by Diane Green of the APIOS Atmospheric Deposition and Chemistry Program. However, the data themselves are a product of the combined efforts of many individuals. Precipitation samples were collected by a large number of site operators, whose names cannot be individually mentioned here, under the coordination of the APIOS environmental technicians Scott Kennedy (in the Southwestern Region), Steve Elliott (in Southeastern Region), Wim Smits (in Northwestern Region), Bill Trayling (Northeastern Region), and J.P. Varto (in Central Region). Sample handling was carried out by Sue Lampinen and Gail Fielding. Chemical analyses were performed at the Laboratory Services Branch under the coordination of Frank Tomassini. Invaluable clerical and computer assistance were provided by Peter Maheras, Joseph Lamb and Roberto Banchon. All enquiries regarding the reported data should be directed to Neville Reid, Coordinator, Atmospheric Deposition and Chemistry Program, at (416) 326-1691.

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	Cloyne	14	2
	Colchester	1	3
	Dalhousie Mills	16	4
	Dorion	31	5
	Dorset	20	6
	Ear Falls	35	7
	Geraldton	30	8
	Golden Lake	17	9
	Gowganda	25	10
	Killarney	23	11
	Mattawa	22	12
	McKellar	21	13
	Moonbeam	27	14
	Moosonee	38	15
	Palmerston	. 8	16
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# PART I

## INTRODUCTION



#### INTRODUCTION

This report was prepared by Diane Green. The statistical summaries presented in this report pertain to the 1988 analytical results obtained from the Acidic Precipitation in Ontario Study (APIOS) cumulative ambient air monitoring network. The relevant data can be obtained on request from the Air Resources Branch of the Ontario Ministry of the Environment. Any sample of which sampling period is less that 23 days or greater than 33 days is not included in the statistics calculations. All available data are utilized in the calculations except results reported as being unreliable (i.e., results are identified as unreasonable values by using the validation procedures; detailed description of the validation procedure is available from the Ministry upon request) or approximate (i.e., inexact results are reported due to laboratory difficulties, such as may be encountered in calibration or when the samples cannot be analyzed to confirm the reported values). In a very few cases, concentration levels exceeded the upper limit of the range of the chemical analysis. Rather than using the upper limit, a decision was made to exclude these values from the statistics generated in this report. Results labelled as <W are replaced by "zero". W is the level which the analytical technique cannot distinguish from zero. Prior to 1986, a level was recorded less than one detection limit T, a value corresponding to one half the detection limit was utilized for statistical calculations as reported in the statistical summaries. values are no longer halved. Note that T is normally about ten times W, and values above the T criteria are considered to be precise and accurate. W corresponds to approximately one standard deviation of low level duplicate of real samples. In the presented statistics summaries, "Total Sulphur" is calculated by the summation of sulphur of Sulphur Dioxide" and "Sulphate".

Beginning in 1985, "Sulphur Dioxide" is corrected by the addition of nylon filter sulfate. In these reports sulphur loading on nylon filters is interpreted as sulphur dioxide. However, it is possible that organic sulphur compounds also contribute to this loading. Methods do not currently exist to quantify this contribution in routine network operation.

The statistical summaries presented in Parts III to IV include number of samples, mean (arithmetic/geometric), standard deviation (arithmetic/geometric), maximum, minimum, quartiles. These statistics are for an average sampling period.

### Whatman 40 Blank Filters

The occurrence of non-zero blank values for the Whatman 40 filters used in the cumulative network should be borne in mind when interpreting data from this method. Typical loadings mg/filter) for these blank filters, are summarized in Table 1.

Table 1

Chemical of Filters	Total	Blank Lo	ading (μg/filter)	Number
Parameters	Samples	Mean*	S.D.*	$\geq W$
Sulphate	107	5.0 <t< td=""><td>0</td><td>22</td></t<>	0	22
Nitrate	107	1.4 <t< td=""><td>0.3</td><td>25</td></t<>	0.3	25
Calcium	96	2.88	0.68	96
Magnesium	97	0.69	1.33	65
Aluminum	97	0.59	0.56	45
Cadmium	97	0.010	0.006	91
Copper	97	0.03	0.02	70
Iron	97	0.92	0.70	95
Manganese	97	0.20	0.51	35
Nickel	97	0.04	0.07	54
Lead	97	0.12	0.13	38
Vanadium	97	0.02	0.002	36
Zinc	97	0.23	0.13	39
Sodium	107	2.66	0.95	106
Potassium	103	1.16	1.50	103
Chloride	107	8.8	2.8	105

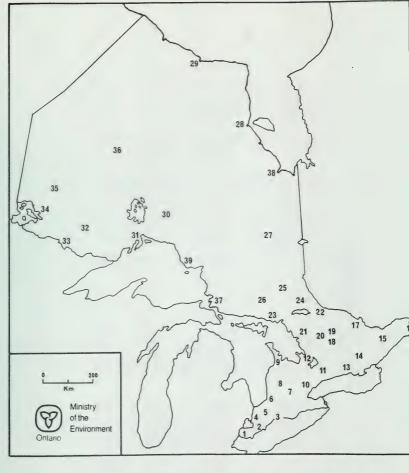
<sup>\*</sup>Calculated for  $\geq W$  values only.



### PART II

# STATION DESCRIPTION AND LOCATION MAP





Smith's Falls\* 29. Winisk (rem. Dec '86) Colchester 15. 1. 2. 16. Dalhousie Mills\* 30. Geraldton (replaced Merlin 3. Pt. Stanley\* 17. Golden Lake\* Nakina, Aug '83) 18. Wilberforce 31. Dorion\* Wilkesport\* 32. 19. Whitney Ouetico Centre\* 5. Alvinston 20. 33. 6. Huron Park Dorset\* Lac la Croix 21. McKellar\* 34. Experimental Lakes Area 7. Waterloo 35. 8. Palmerston\* 22. Mattawa\* Ear Falls\* 23. Killarney\* 36. Pickle Lake\* 9. Shallow Lake\* 24. Bear Island 37. Turkey Lake\* Milton (removed 10. 38. Moosonee\* (installed March '84) 25. Gowganda\* October '85) Azure Lake (repl. 26. 11. Uxbridge\* Ramsey, June '83) 39. Otter Island\* 12. Coldwater Moonbeam\* 27. (summer only) 13. Campbellford\* 40. Sutton, Quebec 28. Attawapiskat 14. Cloyne\* (repl. Kalladar, June '83) (rem. Feb '84) (Intercomparison Site)

\* indicates both a wet and dry deposition network site

ONTARIO MINISTRI OF THE ENVIRONMENT APIOS-ACIDIC PRECIPITATION IN ONTARIO STUDY CUNULATIVE AMBIENT AIR SITES

SOUTHWESTERN SOUTHWESTERN SOUTHWESTERN SOUTHWESTERN CRYTAL CRYTAL CRYTAL CRYTAL CRYTAL CRYTAL CRYTAL CONTHEASTERN SOUTHEASTERN SOUTHEASTERN SOUTHEASTERN NORTHEASTERN NORTHEAS	STATION ID	MOE REGION	STATION NAME	ELEV	LATITUDE	LONGITUDE		ID
SOUTHWESTERN         OCCERTER         18         41% 97 15           SOUTHWESTERN         PORT STANLEY         213         4249 72 17           SOUTHWESTERN         SHALLOW LAKE         229         4249 72 17           SOUTHWESTERN         SHALLOW LAKE         389         4349 45 19           CENTRAL         UMRRIDGE         244         447 74 8           CENTRAL         UMRRIDGE         244         447 74 8           CENTRAL         UMRRIDGE         244         447 74 8           SOUTHEASTERN         GALHOUSIE MILLS         152         447 90           SOUTHEASTERN         GOLDEN LAKE         259         474 91           NORTHEASTERN         CLOYNE         259         474 91           NORTHEASTERN         CLOYNE         259         474 91           NORTHEASTERN         GOMENNA         259         474 91           NORTHEASTERN         HOSOBBER         86 46 16         399           NORTHEASTERN         HCKRILANE         264				(W)	(NORTH)	(WEST)	(NORTHING)	NORTHING) (EASTING)
SOUTHWESTERN         PORT STANLEY         227           SOUTHWESTERN         WILKESPORT         133         42*42/11*           SOUTHWESTERN         SIALLOW LAKE         229         43*42/11*           CENTRAL         DORSE         30         43*42/11*           CENTRAL         DORSE         30         43*41/2*           CENTRAL         DORSE         24         44*17/2*           CENTRAL         ONGELICADA         30         45*6/4*           SOUTHEASTERN         STITYS & FALLS         44*17/2*           SOUTHEASTERN         DALHOUSIE MILLS         122         45*6/4*           SOUTHEASTERN         MCCELLAR         259         45*9         10*           NORTHEASTERN         MCLIANNEY         136         45*9         10*           NORTHEASTERN         MCTIANA         136         45*9         10*           NORTHEASTERN         MCTIANA         24         45*3         15*           NORTHEASTERN         MCCELLAR         24         45*3         15*           NORTHEASTERN         MCCEALLAR         24         45*3         15*           NORTHEASTERN         MCEALLANE         24         45*3         17*         35*	000001-22-21-1041	SOUTHWESTERN	COLCHESTER	183	41,59,15"	82055,41"	4649973	340284
SOUTHWESTERN         WILKESTORT         13         42*47.11*           SOUTHWESTERN         SHALLOW LAKE         229         43*45.11*           SOUTHWESTERN         PALHERSTOR         369         43*45.11*           CENTRAL         UMRRIDGE         244         41*17.46*           CENTRAL         UMRRIDGE         244         44*17.48*           SOUTHEASTERN         SALHOUSIE MILLS         122         44*56*41*           SOUTHEASTERN         GOLDEN LAKE         259         44*9*10*           NORTHEASTERN         CLOYNE         160         45*19*10*           NORTHEASTERN         MATTAMAN         134         45*9*10*           NORTHEASTERN         GOMENIA         259         44*9*10*           NORTHEASTERN         HOCKBLIAR         259         44*9*10*           NORTHEASTERN         HOCKBLIAR         269         45*19*10*           NORTHEASTERN         HOCKBLIAR         269         45*19*10*           NORTHEASTERN         HOCKBLIAR         264         45*9*10*           NORTHEASTERN         HOCKBLIAR         264         45*9*10*           NORTHEASTERN         HCKALLAR         264         45*2*1*3*           NORTHEASTERN         HCKARLAR	000001-22-21-1061	SOUTHWESTERN	PORT STANLEY	213	42040,22"	81,009,55	4724277	486457
COUTHWESTERN         SIALLOW LAKE         269         443-45-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-75-76-76-76-76-76-76-76-76-76-76-76-76-76-	000001-22-21-1071	SOUTHWESTERN	WILKESPORT	183	42042,11"	82°21'13"	4728515	389135
CENTRAL         DOUTHWESTERN         PALMERSTON         389         43°48'19"           CENTRAL         UNGRIDGE         244         44°17'46"           CENTRAL         UNGRIDGE         244         44°17'46"           CENTRAL         CAMPBELLEORD         175         44°17'46"           SOUTHEASTERN         CALLOWIE         122         44°56'41"           SOUTHEASTERN         CLOYNE         184         45°17'15"           NORTHEASTERN         MATTAMAR         183         45°49'10"           NORTHEASTERN         MATTAMAR         183         46°49'10"           NORTHEASTERN         GOMGANIA         134         45°39'04"           NORTHEASTERN         GOMGANIA         134         45°39'04"           NORTHEASTERN         HOSOBBER         44°17'15"           NORTHEASTERN         HOSOBBER         44°17'15"           NORTHEASTERN         HOSOBBER         86°16'139"           NORTHEASTERN         HCKNELANE         184         49°19'10"           NORTHEASTERN         HCKNELANE         184         49°19'10"           NORTHEASTERN         HCKNELANE         184         49°19'10"           NORTHEASTERN         HCKNELANE         36°0'10"         36°10'21"	000001-22-21-1091	SOUTHWESTERN	SHALLOW LAKE	229	44034'54"	81,06,58"	4936270	490782
CENTRAL         DORSET         370         4513.26-46-47.17.28           CENTRAL         COMBRIDGE         174         4717.28           SOUTHEASTERN         SHITH'S FALLS         122         44°56'41           SOUTHEASTERN         DALHOUSIE MILLS         160         45°17'12           SOUTHEASTERN         GOLDEN LAKE         259         45°19'10°           SOUTHEASTERN         WOKFELLAR         259         47°9'10°           NORTHEASTERN         WILLARE         183         46°9'10°           NORTHEASTERN         HOTTHAR         259         47°9'10°           NORTHEASTERN         HOTTHAR         24         45°9'10°           NORTHEASTERN         HOONBEAH         24         45°9'10°           NORTHEASTERN         HOONBEAH         24         40°10'10°           NORTHEASTERN         HOOSONEE         8         51°12'39' 04°           NORTHEASTERN         HCFARLANE         18         46°2'5'57"           NORTHEASTERN         HCFARLANE         36         6°2'5'57"           NORTHEASTERN         HCFARLANE         36         6°2'5'7"           NORTHEASTERN         HCFARLANE         36         6°2'5'7"           NORTHEASTERN         HCFARLANE         <	000001-22-21-1101	SOUTHWESTERN	PALMERSTON	389	43048,19"	80°54'12"	4850035	507776
CHARGE   CHARGE   CAMPRELLEGE   CAMPRELLEG	1106-16-66-100000	TRUTHOU	FESSOU	320	45013026"	78°55'52"	9996009	662429
SOUTHEASTERN   SHITH'S FALLS   122 44°56′41°   150 40°17′28°   122 44°56′41°   122 44°16°	1100000	CENTINGS	INTER TOOL	244	44012146"	79012138"	4896847	642958
SOUTHEASTERN         SMITH'S FALLS         122         44*56*41"           SOUTHEASTERN         GOLDEN LAKE         160         45*19*10"           GOLDEN LAKE         160         45*19*10"           ROUTHEASTERN         CLOYNE         259         47*49*10"           NORTHEASTERN         KILLLAREY         183         47*49*10"           NORTHEASTERN         MATTAMA         184         45*13*15"           NORTHEASTERN         GOWGANA         24         45*17*15"           NORTHEASTERN         HOOSHEE         44         49*19*10"           NORTHEASTERN         HOOSHEE         25         45*17*13"           NORTHEASTERN         HOOSHEE         24         49*19*10"           NORTHEASTERN         HCFARLIANE         24         49*19*10"           NORTHEASTERN         HCFARLIANE         25         51*12*13"           NORTHEASTERN         HCFARLIANE         24         46*25*57"           NORTHEASTERN         HCFARLIANE         35         50*38*31"           NORTHEASTERN         GCENTER         36         51*27*32"           NORTHEASTERN         GCENTER         36         48*24*44"           NORTHEASTERN         GCENTER         36         48*6*10"<	000001-22-21-3081	CENTRAL	CAMPBELLFORD	175	44017,28"	77047,33"	4907783	277202
SOUTHEASTERN         OLLHOUSTE MILLS         69         45°19 00°           SOUTHEASTERN         GOLDEN LAKE         259         45°49 10°           SOUTHEASTERN         CLOYNE         259         46°49 10°           NORTHEASTERN         MILLANBY         24         45°49 10°           NORTHEASTERN         MOTHEASTERN         46°49 10°         46°49 10°           NORTHEASTERN         MOTHEASTERN         46°40 10°         46°40 10°           NORTHEASTERN         MONBEAN         46°40 10°         46°40 10°           NORTHEASTERN         MOSBEAN         44°40 10°         46°40 10°           NORTHEASTERN         MOSBEAN         46°40 10°         40°10 40°           NORTHEASTERN         MOSBEAN         46°40 10°         40°10 40°           NORTHEASTERN         MOSBEAN         40°10 40°         40°10 40°           NORTHEASTERN         MCFALLANE         24         40°10 40°           NORTHEASTERN         MCFALLANE         26         6°25 57°           NORTHESSTERN         20°00 40°40 40°         50°38 71°           NORTHESSTERN         20°00 40°40 40°         50°38 71°           NORTHESSTERN         20°00 40°40 40°         40°40 10°           NORTHESSTERN         20°00 40°40 40° <td>000001-22-21-4061</td> <td>SOUTHEASTERN</td> <td>SMITH'S FALLS</td> <td>122</td> <td>44°56′41"</td> <td>75°57" 48"</td> <td>4977044</td> <td>423999</td>	000001-22-21-4061	SOUTHEASTERN	SMITH'S FALLS	122	44°56′41"	75°57" 48"	4977044	423999
SOUTHEASTERN         GOLDEN LAKE         150         45'36'4'0"           SOUTHEASTERN         CLOYNE         150         45'36'4'0"           NORTHEASTERN         MCKELLAR         24         45'31'15"           NORTHEASTERN         MATTAMA         183         45'86'20"           NORTHEASTERN         GOMGANDA         343         47'39'0.4"           NORTHEASTERN         GOMGANDA         24         49'19'10"           NORTHEASTERN         HONDERBAN         24         49'19'10"           NORTHEASTERN         HOSSONE         8         51'12'5"           NORTHEASTERN         HCFARLANE         24         46'50'3"           NORTHEASTERN         HCFARLANE         188         51'12'5"           NORTHEASTERN         HCFARLANE         24         46'50'3"           NORTHEASTERN         HCFARLANE         350         51'12'5"           NORTHEASTERN         HCKRELLARE         36         51'2'5"           NORTHESSTERN         GCKRIANE         36         51'2'4'           NORTHESSTERN         GCKRALOCO CENTRE         30         6'4'4'1'g'           NORTHWESSTERN         GCKRALOCO CENTRE         40'4'1'g'           NORTHWESSTERN         40'4'1'g'	000001-22-21-4071	CONTREASTERN	DATHOUSTE MILLS	69	45°19"00"	74028'13"	5018048	541521
SOUTHEASTERN   CLOTHE   259 4449'10"	000001-22-21-4081	SOUTHEASTERN	GOLDEN LAKE	160	45,36,48"	77012,03"	5053226	328397
NORTHEASTERN   MCKELLAR   244 45*31*15**   NORTHEASTERN   MATTAWA   198 45*8*20**   NORTHEASTERN   MATTAWA   198 45*8*10*30**   NORTHEASTERN   GOWGAND   244 47*03**13**   NORTHEASTERN   TURKEY LAKES   440 47*03**13**   NORTHEASTERN   MODSONEE   24 47*03**13**   NORTHEASTERN   MCRALLAR   24 47*03**13**   NORTHEASTERN   MODSONEE   24 47*03**13**   NORTHEASTERN   MODSONEE   24 48*25*57**   NORTHEASTERN   MODSONEE   35 05*38**31**   NORTHEASTERN   GUELLO CENTRE   36 05*38**31**   NORTHEASTERN   36 05*38**31**   NORTHEASTER	000001-22-21-4091	SOUTHEASTERN	CLOYNE	259	44°49'10"	77011,07"	4964999	327221
NORTHEASTERN   HTTANA   138 45'59'20"   NORTHEASTERN   HTTANA   138 45'59'50"   NORTHEASTERN   HTTANA   138 45'59'39'   NORTHEASTERN   HONDREAN   440 47'39' 01"   NORTHEASTERN   TURKEY LARES   440 47'39' 01"   NORTHEASTERN   HONDROWNER   244 47'03' 15'   NORTHEASTERN   HORION   LAKE   25'5'   13''   NORTHEASTERN   HORION   244 46'' 15''   13''   NORTHEASTERN   HORION   244 46'' 15''   13''	000001-22-21-5011	NORTHEASTERN	MCKELLAR	244	45°31'15"	79055,19"	5041158	584196
NORTHEASTERN   NATTAWA   198   46°16°19°	000001-22-21-5021	NORTHEASTERN	KILLARNEY	183	45°58'20"	81°29'18"	5090859	462167
NORTHESSTERN         GGWCANDA         34         47'97'04"           NORTHESSTERN         HOONBEAM         24         47'03'15"           NORTHESSTERN         TURKEY LAKES         440         47'03'15"           NORTHESSTERN         POSSONEE         8         51'12'35"           NORTHESSTERN         PCRALLAKE         18         51'12'35"           NORTHESSTERN         PORIO         48'52'57"           NORTHESSTERN         PUCKEL LAKE         350         50'38'31"           NORTHESSTERN         PUCKEL LAKE         350         50'38'31"           NORTHESSTERN         PUCKEL LAKE         350         50'38'31"           NORTHESSTERN         QUETICO CENTRE         40'8'4'14"           NORTHESSTERN         GTRALLS         350         50'38'31"           NORTHESSTERN         QUETICO CENTRE         40'4'14"         40'10'10"           NORTHESSTERN         GTRALLAND         20'4 48'1'10"         49'4'11"	000001-22-21-5031	NORTHEASTERN	MATTAWA	198	46,16,39"	78049,19"	5126968	667810
NORTHEASTERN   TURKEY LAKES   440 49°19'40"	000001-22-21-5061	NORTHEASTERN	GOWGANDA	343	47039,04"	80°46'32"	5277329	516647
NORTHEASTERN         TURREY LAKES         440         470/1.15"           NORTHEASTERN         HODSONEE         246         470/1.15"           NORTHEASTERN         HCFARLANE LAKE         246         46°50'33"           NORTHWESTERN         DORION         244         48°50'33"           NORTHWESTERN         EAR FALLS         350         50'38'31"           NORTHWESTERN         PUCKIE LAKE         420         42'4'4"           NORTHWESTERN         CUTTA ISLAND         260         51'02'41"           NORTHWESTERN         QUETICO CENTRE         420         48'40'49"           NORTHWESTERN         GERALDTON         350         48'40'16"	000001-22-21-5071	NORTHEASTERN	MOONBEAM	244	49019040"	8201,10"	5464175	425924
NORTHEASTERN         MODSONEE         8         51½7.53°           NORTHEASTERN         MCFARLANE         LAKE         246         46°57.57°           NORTHWESTERN         DORION         244         48°50.33°           NORTHWESTERN         EAR FALLS         350         50°38°31           NORTHWESTERN         PUCKRE LAKE         360         51°02.41°           NORTHWESTERN         QUETICO CENTRE         420         48°42.44°           NORTHWESTERN         CREALINDON         204         48°6.50°	000001-22-21-5141	NORTHEASTERN	TURKEY LAKES	440	47,03,15"	84°24'20"	5214246	697468
NORTHEASTERN         MCFARLANE LAKE         246         46°25'57"           NORTHWESTERN         DORION         244         48°50'33"           NORTHWESTERN         EAR FALLS         350         50°38'31"           NORTHWESTERN         PICKEL LAKE         350         51°20'41"           NORTHWESTERN         QUETICO CENTRE         420         48°24'44"           NORTHWESTERN         CREALDTON         20         48°24'44"           NORTHWESTERN         GRRALDTON         36         48°48'18"	000001-22-21-5161	NORTHEASTERN	MOOSONEE	89	51,12,35"	80°42,20"	5672970	520568
NORTHWESTERN         DORION         244         48°50'33"           NORTHWESTERN         BAR FALLS         350         50°38'31"           NORTHWESTERN         PICKEL LAKE         360         50°40'41"           NORTHWESTERN         QUETCO CENTRE         420         48°24'44"           NORTHWESTERN         CTER TSLAND         204         48°24'44"           NORTHWESTERN         CREALDTON         360         48°24'44"	000001-22-21-5201	NORTHEASTERN		246	46°25'57"	81,27,03"	5142324	426948
NORTHWESTERN EAR FALLS 350 50°39°21"  NORTHWESTERN PICKEL LAKE 360 51°02′41"  NORTHWESTERN QUETICO CENTER 420 48°02′44"  NORTHWESTERN GERALDTON 204 48°06′50"	000001-22-21-6011	NORTHWESTERN	DOBION	244	48°50'33"	88°36' 45"	5410982	381684
NORTHWESTERN         PICKLE LAKE         360         51°02′41"           NORTHWESTERN         QUETICO CENTRE         420         48°24′4"           NORTHWESTERN         QTER ISLAND         204         48°0′50"           GERALDTON         350         48°48°18"	000001-22-21-6031	NORTHWESTERN	EAR FALLS	350	50,38,31"	93013'13"	5609814	484424
NORTHWESTERN QUETICO CENTRE 420 48°24'44" NORTHWESTERN GTER ISLAND 204 48°06'50" NORTHWESTERN GERALDTON 350 48°40'18"	060001-22-21-6041	NORTHWESTERN	PICKLE LAKE	360	51,02,41"	90012004"	5658308	696198
NORTHWESTERN OTTER ISLAND 204 48°06'50" NORTHWESTERN GERALDTON 350 49°48'18"	1209-12-23-10000	NORTHWESTERN	OUETICO CENTRE	420	48024,44"	91,12,08"	5363461	633036
NORTHWESTERN GERALDION	000001-22-21-6111	NORTHWESTERN	OTTER ISLAND	204	48°06'50"	8604125"	5329155	568954
	0000001-22-21-6121	NORTHWESTERN	GERALDTON	350	49048118"	8695152"	5516758	516950

### PART III

SUMMARY STATISTICS OF OBSERVED CONCENTRATION BY STATION



ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

			- STATION=CAMPBELLFORD LOVOL SITE NO.1	ORD LOVOL SITE N	0.1		
	SULFUR. DIOX	SULFATE	NITRIC	NITRATE	CALCIUM	_	
	UG/M3	DG/M3	DG/M3	UG/M3	UG/H3	_	
# OF SAMPLES	6	6	6	6	6		
MAXIMOM	: 10.37	9	0.191	0.776	0.939		
MINIMOM	2.36	H.	0.041	0.211	0.246		
ARITH. MEAN	: 6.64	e,	0.103	0.574	0.466	5 0.435	0.059
ARITH. STD. DEV	3:02	1.	0.052	0.175	0.216		
GEOM. MEAN	: 5.90	2.	0.092	0.540	0.430		
1ST QUARTILE	3.40	2.	0.061	0.473	0.290		
2ND QUARTILE	: 7.58	2.	0.097	0.637	0.452		
3RD QUARTILE	.8.98	m	0.150	0,667	0.517		
MISSING VALUES		1	-	-	1		
	SODIOM	IRON	ALUMINIUM	MAGNESION	LEAD	-	
	DG/M3	DG/M3	DG/M3	UG/M3	DG/M3	_	
# OF SAMPLES	6	6	01	o	0		
MAXIMUM .	: 0.359	0.1	260.0	0.281	0.016		
MINIMOM	0.076	0.0	0.033	0.000	0.003		
ARITH. MEAN	: 0.198	0.0	090.0	0.108	0.008		
ARITH. STD. DEV	: 0.106	0.0	0.019	0.115	0.004		
GEON. HEAN	: 0.173	0.0	0.057	0.102	0.007		
1ST QUARTILE	: 0.103	0.0	0.045	0.008	0.005		
2ND QUARTILE	: 0.196	0.0	0.059	0.052	0.008		
3RD QUARTILE	: 0.306	0.1	0.068	0.231	0.010		
MISSING VALUES		1	7	-	7		
	NICKEL	VANADIUM	ZINC	CADMIUM	TE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/M3		_	DG/M3	UG/M3	DG/M**3	DG/M**3
# OF SAMPLES	6			6	6	9.00	9.00
HAXIMOM	: 0.00788			0.01416	1.6663	6.81	0.97
MINIMOM	: 0.00072			0.00039	0.4518	1,55	0.25
ARITH. MEAN	: 0.00239			0.00674	0.8724	4.38	0.68
ARITH. STD. DEV	: 0.00232			0.00488	0.3937	1.82	0.22
GEOM. MEAN	: 0.00180			0.00403	0.8038	3.97	0.64
1ST QUARTILE	0.00100 :			0.00139	0.5530	2.68	0.54
2ND QUARTILE	: 0.00177		0.0100	0.00744	0.8152	4.77	0.72
3RD QUARTILE	: 0.00255			0.01040	1.0916	5.94	0.81
MISSING VALUES				Т	1	1.00	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUPPARY STATISTICS OF CONCENTRATION

	SULFUR DIO	COX SULFATE	NITRIC	NITRATE	CALCIUM	CHLORIDE	H
	DG/M3		DG/NB	DG/M3	TIG/M3		TIG/M3
OF SAMPLES	11	11	11	11	11		
TAXIMOM	10.1	9.24	0.226	0.614	0.363		
MINIMOM	: 1.2	3,09	0.074	0,133	00000		
RITH. MEAN	4.4		0.127	0.318	0.211	0.344	0.699
ARITH. STD. DEV	2.3		0.045	0.158	0.109		
GEOM. MEAN	3.90		0.120	0.281	0.214		
IST QUARTILE	: 2.70		0.094	0.158	0.130		
ND QUARTILE	4.56	4.42	0.123	0.264	0.202		
3RD QUARTILE	. 4.99		0.163	. 0.424	0.316		
TISSING VALUES	0			0	0		
	SODIOM			MAGNESIOM	LEAD	_	
	DG/M3			UG/M3			
OF SAMPLES	: 11			11			
AXIMOM	: 0.639			0.233			
MINIMOM	: 0.100			000.00			
RITH, MEAN	: 0.261			0.098			
ARITH. STD. DEV	: 0.163	0.045		0.073		0.0028	0.002
SEOM, MEAN	: 0.220			0.089			
ST QUARTILE	: 0.112			0.046			
2ND QUARTILE	: 0.252			0.063			
SRD QUARTILE	: 0.364			0.164			
MISSING VALUES	0 :			0			
	NICKEL	VANADIOM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/M3		DG/M3	DG/M3	UG/M3	UG/H**3	DG/H**3
OF SAMPLES	: 11		11	11	11	11.00	11.00
AXIMOM	: 0.00775		0.0427	0.01147	2.2359	6.18	0.71
MINIMOM	: 0.00108	0.0005	0.0132	0.00335	0.6612	1.65	0.23
ARITH. MEAN	: 0.00272		0.0209	0.00782	1.0565	3.99	0.44
ARITH. STD. DEV	: 0.00200		0.0082	0.00275	0.4556	1.12	0.17
SOM. MEAN	: 0.00222		0.0198	0.00732	0.9894	3.82	0.42
ST QUARTILE	: 0.00119		0.0151	0.00517	0.7565	3.69	0.32
ND QUARTILE	: 0.00208		0.0196	0.00814	0.8848	4.02	0.36
SRD QUARTILE	: 0.00323		0.0233	0.01037	1.1748	4.43	0.63
PRINC UNITES	0		0	0	0	00.00	00.0

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

		8	STATION-COLCHESTER LOVOL SITE NO.1	R LOVOL SITE NO	.1		
	SULFUR. DIOX	SULFATE	NITRIC		CALCIUM		POTASSIUM
	TIG/M3	DG/M3	UG/M3		UG/H3		UG/M3
# OF SAMPLES	13	13	13	13	13	13	13
MAXTMIM	16.38	11.71	0.421		5.849		0.119
MINIMUM	7.92	0.34			0.063	0.440	0.005
ADTTH MERN	11.68	5.16			2.111		
ARITH. STD. DEV	2.97	3,36			1.917		
CEOM MEAN	11.34	3.70			966.0		
1ST OURRILE	8.92	3.39	0.099	0.853	0.283	0.561	0.010
2ND OURRITLE	11.04	4.45			2,182		
3RD OURRILLE	14.84	7.96			3.312		
MISSING VALUES	-				1		
	SODIUM	Н			LEAD		COPPER
7 * 6	TIC /M3			DG/M3	DG/M3		UG/M3
STIGNES SO	13			13	13		13
MANTATA	0.310			1.138	0.028		0.007
MINIMIM	0.087			00000	0.001		0.001
ADTOR MERN	0.168			0.364	0.016		0.004
ARITH STD. DEV	990.0			0.376	0.011		0.002
GEOM. MEAN	. 0.158			0.191	0.010		0.004
1ST OURRILE	0.119			0.032	900.0		0.003
2ND OURRILLE	0.156			0.233	0.020		0.004
3RD OURRILLE	: 0.205	0.484	0.305	0.719	0.028	0.0199	0.005
MISSING VALUES				-	2		rl
	NICKEL	>	ZINC	CADMITOM	SULFATE NYL TOTAL	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/M3		UG/M3	UG/M3	UG/M3	DG/H**3	DG/M**3
# OF SAMPLES	. 13		13	13	13	13.00	13.00
MAXIMIM	0.00887		0.0877	0.02045	1.5917	9.83	1.62
MINIMUM	0.00012		0.0071	0.00077	0.1233	5.29	0.42
ARITH. MEAN	0.00324		0.0536	0.00617	0.9411	7.56	1.17
ARITH. STD. DEV	0.00255		0.0209	0.00681	0.4410	1.51	0.34
GEOM. MEAN	: 0.00220		0.0472	0.00332	0.8029	7.42	1.11
1ST QUARTILE	: 0.00173		0.0407	96000.0	0.6166	6.13	0.94
2ND QUARTILE	0.00219		0.0548	0.00239	0.9478	7.81	1.24
3RD QUARTILE	: 0.00420	0.0063	0.0667	0.00972	1.3791	8,69	1.35
MISSING VALUES			-	-	-	1.00	1.00

ONTARIO HINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SOMBHAY STATISTICS OF CONCENHIVATION
FORM TOWNENDALHOUSIE HILLS LOUGH, SITE NO. 1 ---

			The state of the s	THE PROPERTY OF THE PARTY OF TH	ATT CT TAT	CHLORIDE	POLASSION
			TOTAL	NTTHATE	CALCACE		-
	SULFUR DIOX	SULFATE	NITHI	CW/ 255	TIC./M3	UG/M3	DG/M3
	TIG/M3	UG/M3	DG/M3	200/20	11	11	11
	11	11	11	11	77	0 10	2 599
OF SAMPLES	11		0 393	1.636	7.935		400
NIMIM	19.63	13.73	000	0 259	0.396		
NATURAL DESIGNATION OF THE PERSON OF THE PER	2.30	0.28		207.0	1 725		
THINK	7.56	5.17		0.811	2 243		
ARITH. MEAN	000	3 65		0.418	7777		
ARITH. STD. DEV :	3.62	0 0 0		0.574	1.138		
CEOM MEAN	5.87	3.18		0 305	0,650		
OT OTRIDUTE	3.12	3.39		0 00	0 978		
ST COMPLETE	7 65	3.77		0.697	000		
ND QUARTILE	0.00	6 72		0.871	1.723	071.1	
RD OURRILE	11.11	1		1	7		
TESTING VALUES	-	7	1	MILITARION			COPPER
	SODIOM	IRON		The state of the s			מכ
- F. (min)	TIC/M3	UG/M3	DG/M3	DG/M3	11	11	11
	11	11		11			
OF SAMPLES	77	1 111		0.627			
KAXIMUM	5.726	777.7		0.042			
MINIMIN	0.114	0.000		0 256			0.00
Mant name	1.174	0.245		101	0 012		0.00
ARLIE OWN DEU	1.907	0.318	0.286	161.0	0.00	0.0244	0.004
Main Sib. Det	0.429	0.179		0.192	2000		00.00
GEOM. MEAN	124	0.071		0.0/8	000.0		0.00
1ST QUARTILE	10000	0 179		0.225	0.003		00 0
2ND QUARTILE	0.387	0000		0.348	0.012		
3RD QUARTILE	1.345	0.203		7	1		4
MISSING VALUES		1	-	MILITAGE	SILLFATE NYL	TOTAL	TOTAL N
Direction of the contract of t	NICKEL	VANADIUM	ZINC	CAUMION		SULFUR	NITRATE
				9	200	TIC/W**3	UG/M**3
	EM/SII	DG/M3	DG/M3	UG/M3	2	11.00	11.00
-	11		11	11		12 43	2.03
OF SAMPLES	0.02618		0.0720	0.85079		000	0.34
HAXIMOM	0.0000		0.0220	0900000		2.03	0.81
MINIMOM	0.00150		0 0376	0.09293		00.0	100
ARITH. MEAN	: 0.00462		0.0171	0.26654		3.36	0.01
ADITH STD. DEV	: 0.00772		40.0	0 00818		4.71	0.69
MERN	0.00254		0.0349	12500.0		3.02	0.39
SECTION STREET	0 00158		0.0283	0.00311		3 82	0.77
IST QUARTILE	0.00177	0.0018	0.0314	0.00508	1 0150	8 29	1.00
ZND COMPLIE	0 00318		0.0417	0.01/51		1 00	1.00
3RD QUARTILE	20.0		1	1		9	

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUPMARY STATISTICS OF CONCENTRATION

		4	SUMMARY STATISTICS OF CONCENTRATION STATION=DORION LOVOL SITE NO.1	STATION=DORION LOVOL SITE NO. 1	TON		
	SULFUR. DIOX	SULFATE	NITRIC	NITRATE	CALCIUM	CHLORIDE	POTASSIUM
	UG/M3	UG/M3	UG/M3	UG/M3	UG/M3	UG/M3	UG/M3
# OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	1.71	1.45	0.114	0.197	0.324	0.260	0.050
MINIMUM	00.00	0.16	0.016	0.024	00000		0.000
ARITH. MEAN	0.88	0.98	0.038	0.081	0.077		0.021
ARITH. STD. DEV	0.56	0.46	0.028	0.052	160.0		0.014
GEOM. MEAN	18.0	0.83	0.032	990.0	0.085		0.020
1ST QUARTILE	0.39	0.55	0.020	0.033	00000		0.012
2ND QUARTILE	0.75	1.14	0.031	0.080	0.070		0.018
3RD QUARTILE	1.43	1.43	0.042	0.098	0.121	0.187	0.031
MISSING VALUES	0	0	0	0	0		0
	SODIOM	IRON	ALUMINIUM	MAGNESION	LEAD		COPPER
	UG/M3	UG/M3	UG/M3	UG/M3	UG/M3	DG/M3	UG/M3
# OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	0.222	0.249	0.474	0.661	0.007	0.0087	0.004
MINIMOM	0.058	000.00	0.003	000.00	0.000	0.000	0.000
ARITH. MEAN	0.125	0.050	980.0	0.079	0.003	0.0027	0.002
ARITH. STD. DEV :	0.048	0.064	0.131	0.181	0.002	0.0022	0.001
GEOM. MEAN	0.117	0.037	0.042	0.044	0.003	0.0024	0.002
1ST QUARTILE :	0.080	0.021	0.024	000.00	0.001	0.0014	0.001
2ND QUARTILE.	0.121	0.030	0.039	0.024	0.002	0.0023	0.001
3RD QUARTILE	0.158	0.055	0.059	0.042	0.004	0.0031	0.003
MISSING VALUES	0	0	0	0	1	0	
	NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	UG/M3	DG/M3	DG/M3	UG/M3	DG/M3	UG/M**3	DG/M**3
# OF SAMPLES	13	13	13	13	13	13.00	13.00
MAXIMOM	0.00798	0.0013	0.0646	0.01586	1.1261	1.29	0.24
MINIMOM	0.00000	0.000	0.000	0.00012	0.1490	0.12	0.04
ARITH. MEAN	0.00302	0.0004	0.0085	0.00538	0.4345	0.76	0.12
ARITH. STD. DEV :	0.00310	0.0004	0.0172	0.00516	0.2997	0.38	90.0
GEOM. HEAN	0.00172	0.0004	0.0052	0.00247	0.3655	0.65	0.11
1ST QUARTILE	0.00043	0.0001	0.0003	0.00057	0.2510	0.43	0.07
2ND QUARTILE	0.00099	0.0002	0.0042	0.00389	0,3391	0.74	0.12
3RD QUARTILE :	0.00651	600000	0.0081	0.00976	0.4763	1.13	0.14
MISSING VALUES	0	0	0	0	0	0.00	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMANY STARISTICS OF CONCENTRATION
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				A TO STATE OF THE PARTY OF THE	THE LAKE		20070000
	VOTO THE	CTIT ES TIP.	NITERIC	NITHALE	THE PARTY OF THE P	,	
	SOLE OR DELOA	2000	201/20	TIG/M3	UG/M3	D	Þ
	DG/M3	UG/M3	24/20		13		
· camping	13	13	13	13	007		
The special section of	90 0	5.63	0.317		0.433		
MOMI	90.0	0000	0 034		0.000		
IMOM	0.00	2.0			0.135		
ARITH MEAN	3.76	2.66	0.169		0 138		0.022
THE CALL DEU	2.35	1.25	0.082	0.113	0 0		
TH. 310.	2 50	2.26	0.145	0.077	0.124		
GEOM. MEAN			790 0	0.025	0.059		
1ST QUARTILE	2.41	77.7	169	0 162	0.100		
2ND OURRILLE	3.49	2.51	0.169	1000	0 180		
OUR DURING TEE	5.12	3.03	0.229	0.242	0.10		
CONTRACTOR		c	0	0	0		
MISSING VALUES		TOOM		MAGNESIUM	LEAD		
	MOLGOS	TROM		TIC/M3	DG/M3		
	DG/M3	UG/M3		13	13		
F SAMPLES	13	13		100	0 011		
MANTMIN	0,355	0.310		0.000	1000		
100000000000000000000000000000000000000	0000	0.000		0.000	0.005		
E COM	123	0.067		0.032	0.005		
ARLTH. MEAN	0.1523	0 087		0.045	0.004		
ARITH. STD. DEV	0.102	0 064		0.025	0.004		
I. MEAN	0.099	0.00	0.024	0.002	0.002	0.0023	0.005
QUARTILE	0.033	340.0		0.021	0.003		
2ND QUARTILE	0.036	0.000		0.037	0.007		
CUARTILE	161.0	0.066			4		
THE VALUES	0	0		-	TAN CAME AND	TOTTET.	TOTAL N
	NICKEL	VANADIOM	ZINC	CAUPLUM	2011	SULEUR	NITRATE
				2	500/00	F**#/ 511	DG/H**3
	DG/M3		DG/M3	DG/M3	06/FI3	12 00	13.00
Distance of	13		13	13	13	20.00	200
SAMELES	0 00401		0.0328	0.01040	0.9410	4.00	000
MOM	0.00481		0100 0	0.0000	0.3004	80.0	0.06
MINIMOM	0.00000		0110	0 00343	0.6669	2.77	0.31
ARITH, MEAN	0.00144		0.0110	0.000	0 1930	1.22	0.13
ARITH. STD. DEV	0.00138		0.0072	0.00410	0 6362	2.18	0.27
MERN MERN	0.00130		0.0037	0.001	2000	2 09	0.21
OTT DE LA COLO	0.00050		0.0091	0.00015	0.3426	0 10	0 20
23 COMPATIE	0.00083	0.0007	0.0106	0.00045	0.7084	30.0	0.39
TIMOMIC	0.00244		0.0131	0.00789	0.8234	000	00.00
SKU DOMETINE			0	0	0	00.0	

ONTARIO MINISTRX OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

			STATION=EAR FALI	STATION=EAR FALLS LOVOL SITE NO.1		- i	
	SULFUR. DIOX		NITRIC	NITRATE	CALCIUM		POTASSIUM
	DG/M3	DG/M3	DG/M3	UG/M3	DG/M3		UG/M3
# OF SAMPLES	: 13			13	13		13
MAXIMOM	2.56			1.020			0.045
MINIMOM	: 0.19			000.00			00000
ARITH. MEAN	1.00			0.213			0.019
ARITH. STD. DEV	: 0.73			0.344			0.012
GEOM. MEAN	: 0.77			0.113			0.019
1ST QUARTILE	: 0.41			0.054			0.013
2ND QUARTILE	. 0.79			0.073			0.017
3RD QUARTILE	1.49	1.30	0.053	0.128	0.089	0.244	0.028
MISSING VALUES	2			0			2
	SODIOM			MAGNESIUM			COPPER
	UG/M3			DG/M3			UG/M3
# OF SAMPLES	: 13			13			13
MAXIMUM	: 0.391			0.181			0.003
MINIMOM	360.0			00000			0.000
ARITH. MEAN	. 0.166			0.037			0.001
ARITH. STD. DEV	: 0.082			0.053			0.001
GEOM. MEAN	: 0.154			0.034			0.001
1ST QUARTILE	0.129			00000			0.001
2ND QUARTILE	: 0.136			0.015			0.001
3RD QUARTILE	: 0.182			0.057			0.002
MISSING VALUES	2			2			2
	NICKEL		ZI	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/H3		UG/H3	UG/M3	DG/M3	UG/H**3	DG/H**3
# OF SAMPLES	13		13	13	13	13.00	13.00
HAXIHOM	0.02580		0.0381	0.02396	1.2818	1.45	1.09
MINIMOM	0.00000 :		0.000	0.00018	0.0521	0.24	0.02
ARITH. MEAN	: 0.00505		0.0073	0.00700	0.4299	0.81	0.25
ARITH. STD. DEV	: 0.00751		0.0106	0.00793	0.3762	0.42	0.36
GEOM. MEAN	: 0,00332		0.0060	0.00262	0.3064	0.69	0.13
1ST QUARTILE	: 0.00071		0.0015	0.00044	0.1916	0.31	0.08
2ND QUARTILE	: 0.00222		0.0059	0.00260	0.2773	0.83	0.11
3RD QUARTILE	: 0.00744	600000	0,0068	0.01446	0.5631	1.07	0.18
MISSING VALUES	2		2	2	2	2.00	00.00

	SULFUR. DIOX		NITRIC	NITRATE		CHLORIDE	POTASSIUM
	UG/M3	DG/M3	UG/M3	DG/M3	נ	UG/M3	UG/M3
OF SAMPLES	13	13	13	13	13	13	13
HAXIMOM	1.64	1.58	0.089	0,156	0.689	0.275	0.131
MINIMOM	0.34	99.0	00.00	0.017	000.00	0.082	0.000
ARITH. MEAN	0.89	1.07	0,033	0.076	0.137		0.029
ARITH. STD. DEV	0.43	0.30	0.021	0.043	0.189		0.033
GEOM. MEAN	0.79	1,03	0.027	0.062	0.111	0.135	0.024
ST OURRILLE	0.55	0.77	0.015	0.037	0.012		0.016
ND OUARTILE	0.83	1,05	0,029	0.085	0.058		0.018
3RD OUARTILE	1.29	1.32	0.043	0.111	0.209		0.035
MISSING VALUES	0	0	0	0	0		0
	SODIUM	IRON	ALUMINIUM	MAGNESIUM	LEAD	MANGANESE	COPPER
	UG/M3	UG/M3	UG/M3	UG/M3	DG/M3	UG/M3	UG/M3
F OF SAMPLES	13	13	13	13	13	13	13
MAXIMUM	0.250	0,115	0,153	0.360	0.005	0.0050	0.015
HINIMOM	0.070	0.000	000.00	000.00	000.00		0.000
ARITH. MEAN	0.132	0.046	0.042	0.059	100.00		0.002
ARITH. STD. DEV	0.056	0.032	0.040	0.105	0.001		0.004
SEOM. HEAN	0.122	0.042	0.035	0.040	0.001	0.0020	0.001
ST OURRILLE	980°0	0.022	0.016	00000	000.00		0.001
2ND QUARTILE	0.113	0.039	0.028	0.020	0.001		0.001
SRD QUARTILE	. 0.177	0.067	00.060	0.056	0.002		0.002
MISSING VALUES	0	0	0	0	1	0	0
	NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	UG/M3	DG/M3	UG/M3	UG/M3	DG/M3	UG/M**3	DG/M**3
OF SAMPLES	13	13	13	13	13	13.00	13.00
MAXIMOM	0.00863	0.0013	0.0122	0.01340	0.9297	1.30	0.20
MINIMOM	0.00000	0.0000	0.0000	0.00011	0.2715	0.41	0.03
ARITH. MEAN	0.00244	0.0005	0.0039	0.00473	0.4511	0.80	0.11
ARITH. STD. DEV	0.00291	0.0005	0.0033	0.00434	0.1686	0.28	90.0
GEOM. MEAN	0.00188	0.0005	0.0032	0.00218	0.4284	0.76	60.0
ST OURRILE	0,00010	0.0001	0.0016	0.00036	0.3506	0.58	90.0
ND OURRILLE	0.00139	0.0003	0.0032	0.00399	0.3901	0.73	0.10
SRD QUARTILE	0.00351	0.0010	0.0054	0.00779	0.5211	1.02	0.16
HISSING VALUES	0	0	0	0	0	00.00	00.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUPMARY STATISTICS OF CONCENTRATION

STILEFALE   STILEFALE   NITRICE				STATION-GOLDEN LAKE LOVOL SITE NO.	KE LOVOL SITE N	0.1	- 1	
UG_H3  UG		SULFUR DIOX	SULFATE	NITRIC	NITRATE	CALCIUM		
14.07 4.77 2.81 2.81 1.94 6.13 2.83 6.13 2.40 6.13 2.83 2.40 5.18 2.40 6.10 3.06 9.0013 9.0013 9.0013 9.0013 9.0013 9.0013 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003 9.0003		DG/M3	UG/M3	_	UG/M3	DG/M3		
2.81 1.477 4.77 1.4.77	OF SAMPLES	7	7		7	7		
2.81 1.94 6.13 2.83 5.31 2.40 5.31 2.40 5.31 2.40 5.31 2.40 5.31 2.40 6.41 6.41 6.41 6.41 6.41 6.41 6.41 6.41	AXIMUM	14.07	4.77		0.441	0.266		
6.13 2.89 2.83 2.40 2.83 2.64 7.10 3.06 SODIUM IRON UG/M3 UG	THIMDM	2.81	1.94		0.029	000.00		
3.87 0.91  2.83 2.40  2.83 2.40  3.06  0.07  0.073 0.015  0.085  0.085  0.087  0.087  0.0881  0.0881  0.0981  0.0082  0.00831  0.0012  0.0012  0.0012  0.0012  0.0012  0.0013	RITH. MEAN	6,13	2,89		0.267	0.105		
5.31 2.79 5.38 2.64 5.18 2.64 5.18 2.64 5.18 2.64 5.19 3.06 8.00174 10.743 7.23 0.153 0.108 0.108 0.108 0.108 0.108 0.220 0.107 0.247 0.247 0.247 0.247 0.247 0.248 0.072 0.248 0.002 0.0033 0.0033 0.0034 0.0014 0.0014 0.0014	RITH. STD. DEV	3.87	0,91		0.148	0.104		
2.83 2.40 2.10 3.06 3.06 3.07 3.06 3.07 3.06 3.07 3.06 3.07 3.06 3.07 3.07 3.07 3.07 3.07 3.07 3.07 3.07	EOM. MEAN	5.31	2.79		0.204	0.121		
5.18 2.64 SODIUM IRON UG-M3 UG	ST QUARTILE	2.83	2.40		0.108	000.0		
1,10   0   3.06	ND OURRILE	5.18	2.64		0,340	0.076		
SODIUM UG/H3	RD OURRILE	7.10	3.06		0,359	0.210	0.375	0.071
SODIUM IRON  10,713 0,715  10,213 0,045  10,107 0,045  10,107 0,045  10,107 0,041  10,107 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,220 0,072  10,0281 0,0011  10,00124 0,0016  10,00124 0,0016	ISSING VALUES	0	0		0	0		
0.273 0.783 0.783 0.783 0.0153 0.0153 0.0166 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0167 0.0017		SODIUM	IRON		MAGNESION	LEAD		
0.273		UG/M3	DG/M3		UG/M3	UG/M3		
0.223 0.153 0.153 0.064 0.066 0.066 0.066 0.067 0.067 0.072 0.072 0.072 0.072 0.072 0.026 0.072 0.026 0.003	OF SAMPLES	7	7		7	7		
0.108 0.046 0.107 0.046 0.107 0.041 0.107 0.041 0.107 0.041 0.107 0.042 0.220 0.072 0.247 0.034 0.0261 0.003 0.00251 0.003 0.00241 0.0010 0.00134 0.0010 0.00350 0.0016	DAXINOM	: 0.273	0.153		0.220	0.013		
0.064 0.085 0.085 0.085 0.085 0.085 0.085 0.094 0.095 0.035 0.032 0.032 0.032 0.003	INIMOM	. 0.108	0.046		000.0	0.003		
0.064 0.041 0.137 0.052 0.137 0.052 0.220 0.052 0.247 0.034 0.247 0.034 0.0483 0.0012 0.00241 0.0010 0.00124 0.0010 0.00124 0.0010 0.00124 0.0010	RITH. MEAN	: 0.197	0.085		0.112	900.0		
0.187 0.078 0.139 0.072 0.220 0.072 0.247 0.072 0.247 0.072 0.248 0.0013 0.00531 0.0003 0.00531 0.0004 0.00134 0.0010 0.00134 0.0010 0.001350 0.0016	RITH. STD. DEV	: 0.064	0.041		0.084	0.003		
0.220 0.052 0.247 0.134 0.247 0.134 0.247 0.134 0.247 0.134 0.0261 0.017 0.0053 0.0012 0.00241 0.0010 0.00134 0.0010 0.00135 0.0016 0.00350 0.0016	EOM. MEAN	: 0.187	0.078		0,113	0.005		
0.220 0.072	ST QUARTILE	: 0.133	0.052		0.050	0.004		
NICKEL   0.134	ND QUARTILE	: 0.220	0.072		0.085	0.005		
NICKEL VARADIUM ZIII  0.0012681 0.0017  0.002681 0.0017  0.000531 0.0012  0.00291 0.0004  0.0014 0.0010  0.00132 0.0016	RD QUARTILE	: 0.247	0.134		0.212	900.0		
NICKEL VANDDUM  06/H3 06/H3  0 02681 05003  0 00539 0.0002  0.00531 0.0004  0.00414 0.0010  0.00150 0.0016	ISSING VALUES	0 :	0		0	0	0	0
TOC/M3 TO		NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
roc/H3 ro							SULFUR	NITRATE
v 0.02681 0.0017 0.00100 0.0003 0.00531 0.0004 v 0.00241 0.0011 0.00244 0.0011 0.00134 0.0010 0.00125 0.0010 0.00126 0.0016		DG/M3		UG/M3	DG/M3	UG/M3	UG/M**3	DG/M**3
x 0.0010 0.00100 0.00530 0.00531 0.00541 0.00134 0.00134 0.00152 0.00152 0.00152	OF SAMPLES			7	7	7	7.00	7.00
TO 0.0053 TO 0.00533 TO 0.00541 TO 0.00541 TO 0.00541 TO 0.00541 TO 0.00541 TO 0.00541 TO 0.00551 TO 0.00551	AXIMOM	: 0.02681		0.0227	0.02162	1.0974	8.02	0.53
TO 0.00533 0.0012  TO 0.00951 0.0004  0.00134 0.0011  0.00152 0.0012  0.00152 0.0016  0.00350 0.0016	INIMOM	0.00100		0.0088	0.00283	0.5232	2.43	0.08
.V : 0.00951 0.0004 : 0.00241 0.0011 : 0.00134 0.0012 : 0.00350 0.0012 : 0.00350 0.0016	RITH. MEAN	: 0.00533		0,0160	0.00802	0.8001	4.03	0.38
: 0.00241 0.0011 : 0.00134 0.0010 : 0.00152 0.0016 : 0.00350 0.0016	RITH. STD. DEV	: 0.00951		0.0055	0.00681	0.1807	1.89	0.18
: 0.00134 0.0010 : 0.00152 0.0012 : 0.00350 0.0016	EOM. HEAN	: 0.00241		0.0150	0.00617	0.7822	3.74	0.32
: 0.00152 0.0012 : 0.00350 0.0016 : 0 0	ST QUARTILE	: 0.00134		0.0092	0.00283	0.6837	3.00	0.19
: 0.00350 0.0016	ND QUARTILE	: 0.00152		0.0182	0.00510	0.8088	3.24	0.44
0	RD QUARTILE	0.00350		0.0204	0.01224	0.9093	4.43	0.51
	IISSING VALUES	0		0	0	0	0.00	0.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

	WATER BANK	CITY EN TED	NTOTIC	NITEDIC NITEDIC	CALCIUM	CHLORIDE	POTASSIUM
	SOLD ON SOLD SOLD SOLD SOLD SOLD SOLD SOLD SOLD	TIC ONS	TIC/M3	TIC/M3	DG/M3	DG/M3	UG/M3
	06/83	25/20	22/20	13	13	13	13
OF SAMPLES	1.3	23	27	-	000	0 0	0 000
DAXIMOM	10.43	2.92	0.137	0.276	0.221	0.379	0.032
MINIMOM	1.68	1.43	0.029	00000	0.000	0.086	0.008
MEAN HEAN	4.30	2.16	0.076	0.127	0.068	0.189	0.031
DITTE CTD DEU	2.55	0.48	0.033	0.058	0.081	660.0	0.015
TOTAL MENN	3 69	2.11	0.069	0.117	990.0	0.168	0.027
or orenantin		1 69	0.056	0.084	00000	0.100	0.021
IST COARLILE	2 00	2 28	0.071	0.117	0.022	0.169	0.031
ZND QUARTILE	2.30	95 6	0.093	0.162	0.134	0.263	0.046
MINISTER WAITED		0	0	0	0	0	0
STATE ANTOS	SODIEM	TROW	MULINIMITA	MAGNESIUM	LEAD	MANGANESE	COPPER
	TIC/M3	TIG/M3	DG/M3	UG/M3	UG/M3	UG/M3	DG/M3
DE GRANTES	13	13	13	13	13	13	13
AN ALVERTAGE	0.321	0.256	0.231	0.380	0.010		0,007
MINITAGE	0.060	0.000	0.011	00000	000.0	0.0021	0.002
MUNICIPAL PROPERTY	0.152	0.072	0.091	960 0	0.004	0.0036	0.004
ADITO OTO DEU	0.085	0.073	0.078	0.138	0.004	0.0017	0.002
CEOM WEEN	0.131	0.065	0.063	0.067	0.004	0.0033	0.004
ST OTENTILE	0.073	0.029	0.027	600.0	0.002		0.003
ONC OTTABLITY	0.130	0.045	0.064	0.038	0.003	0.0035	0.004
3DD ONAPTIE	0.226	0.098	0.160	0.158	600.0		900.0
Daniel Marine	0	0	0	0	1	0	0
CHOTHA ONTCOT	NICKEL	VANADIUM	ZINC	CADMITOM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	UG/M3	UG/M3	UG/M3	DG/M3	UG/M3	DG/H**3	DG/M**3
DE SAMPLES	13	13	13	13	13	13.00	13.00
CALLED	0.00512	0.0007	0.0295	0.01148	1.0586	5.97	0.37
MINIMUM	0.00061	0.000	0.0041	0.00022	0.4599	1.64	0.11
NEW MERN	0.00201	0.0003	0.0110	0.00272	0.6467	2.87	0.20
DITTO CAD DEV	0.00155	0.0002	0.0061	0.00348	0.2038	1.27	0.07
TEOM WEAN	0.00156	0.0004	0.0099	0.00124	0.6214	2.65	0.19
ST OTTABILITY	0.00100	0.000	0.0077	0.00034	0.4859	1.81	0.15
OND OTTABLITIES	0.00125	0,0004	0.0099	0.00180	0.5991	2.49	0.19
APPLO OTRETTE	0.00377	0.0005	0.0118	0.00389	0.7620	3.84	0.25
STOOTED TRAITING	0	0	0	0	0	00.00	00.00

APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUPERMARY STATISTICS OF CONCENTRALION

			STATION-KILLARNEY LOVOL SITE NO.	Y LOVOL SITE NO	.1	1	
	enterno nrov	SITTER	NITRIC	NITRATE	CALCIUM		POTASSIUM
	SOLD OR DIOR	SOME WILL	200000000000000000000000000000000000000		CW/ 272		TG/M3
	UG/M3	DG/M3	UG/M3		06/83		13
A OF CAMPIES	13	13	13		13		13
W OF SHIP INC.	12.05	4 81			0.399		0.062
HAXIMON	20.00	1 24			000 0		0.008
MINIMOM	11.11	77.4			0 145		0.037
ARITH. MEAN	6.86	2.14			0 118		0.017
ARITH. STD. DEV	3.22	1.09			244.0		0 035
GEOM. MEAN	6.01	2.53			0.121		2000
1 cm OHADTITE	3.65	1.66			0.045		0.022
The company of	7 61	09.6			0.144		0.037
ZND COAKEILE	1000	3 60			0.172		0.052
3KD CUARCITIE	20.0				н		1
MISSING VALUES	1	T. DOUG			LEAD		COPPER
	SODIOM	THOM			TIC /W3		UG/M3
	UG/H3	OG/M3			13		13
# OF SAMPLES	13	13			51		1100
MAYTHIM	0.210	0.214			0.012		0.011
MINIMUM	0.081	0.000			0.000		0.002
ALL THE PERM	. 0 131	0.097			0.007		0.005
ARLIB. MEAN	0.052	0.065			0.004		0.003
ARLIB. SID. DEV	0.00	0 080			900.0		0.005
GEOR. REAL	1000	0 052			0.003		0.003
IST COMPATIE	0.107	0.082	0.081	0.039	0.007	0.0041	0.005
ZND CONTEST	01.0	0 155			0.010		0.001
3KD DUARTILE					2		7
MISSING VALUES	1	Total and and	-	CAN	SILEATE NYL.	TOTAL	TOTAL N
	NICKEL	VANADIUM	ZINC	CADALOR	-	SULFUR	NITRATE
	200	CAC AND	-	TIG/M3	DG/M3	UG/M**3	UG/M**3
	UG/M3	12 CE 1	13	13	13	13.00	13.00
# OF SAMPLES	T 0 00100	1.00 0	0 0159	0.01952	1.2780	7.71	0.54
MAXIMOM	500000	0000	69000	0.00025	0.4925	2.24	0.22
MINIMON	0.00026	0,000	0.000	0.00387	0.7691	4.34	0.33
ARITH. MEAN	0.00340	2000	0.000	0 00614	0 2138	1.53	0.09
ARITH. STD. DEV	0.00231	00000	0.000	0.00124	0.7442	4.09	0.32
GEOM. MEAN	0.00257	0.0008	0.010		600.0	2 81	0.25
1ST QUARTILE	0.00180	0.0001	0.0082	0.00029	2000	4 2 2	0 35
2ND QUARTILE	: 0.00283	0.0005	0.0104	0.00062	0.0000	2.5	0.41
3RD QUARTILE	: 0.00469	0.0007	0.0134	0.00003	0.8382	200	000
MISSING VALUES		-	-	-	4	٦. ١	9

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY
SUMMARY STATISTICS OF CONCENTRATION

			STATION-MATTHEW TOACH SITE NO. T	TOLON STATE WOLL			
	SULFUR. DIOX	SULFATE	NITRIC	NITRATE	CALCIUM		×
	UG/M3		UG/M3	DG/M3			DG/M3
OF SAMPLES	11	11	11	11		11	
AX THUM	5 9.57	3.89	0.118	0.345			
MINIMON	1.82	0.19	0.013	0.045			
ARITH. MEAN	5.28	2.26	0.065	0.175			0.048
ARITH. STD. DEV	2.73	0.93	0.028	0.087	0.113	0.110	0.025
GEOM. MEAN	4.66	1.90	0.058	0.152			0.038
IST OURRILLE	3.37	1.87	0.049	0.109			0.029
2ND OURRILE	4.42	2,16	0.061	0.163			0.054
3RD OUARTILE	8.41	2.76	0.085	0.246			990.0
MISSING VALUES	0		0	0			0
	MOIGOS	IRON	ALUMINIUM	MAGNESION	LEAD		COPPER
	DG/M3		DG/M3	DG/M3	DG/M3	DG/M3	DG/M3
OF SAMPLES	. 11		11	11	11		11
MAXIMOM	. 0.868		0.645	0.501	0.017		0.004
TINIMOM	0.050		0.001	000.00	00000		0.001
ARITH. MEAN	. 0.226		0.282	0.158	900°0		0.003
ARITH. STD. DEV	. 0.224		0.249	0.168	0.007		0.001
GEOM. MEAN	: 0.171		0.154	0.114	900.0		0.003
LST QUARTILE	: 0.103		0.042	0.014	000°0		0.002
2ND OURRILLE	0.149		0.245	0.118	0.005		0.003
3RD QUARTILE	0.246	0.566	0.634	0.292	0.013	0.0160	0.003
MISSING VALUES	0		0	0	1	0	0
	NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/MG		UG/M3	DG/M3	DG/M3	DG/M**3	DG/M**3
OF SAMPLES	. 11		11	11	11	11.00	11.00
MINITAL	0.00287		0.0335	0.02098	1.1978	5.50	0.46
MINIMOM	. 0.00077		0.0017	0.00000	0.3625	0.97	90.0
ARITH. MEAN	: 0.00167		0.0154	0.00465	0.6811	3.39	0.24
ARITH. STD. DEV	9900000		0.0079	0.00653	0.2276	1.39	0.11
GEOM. MEAN	0.00156		0.0129	0.00224	0.6491	3.10	0.21
ST OURRILE	: 0.00131		0.0113	0.00050	0.5429	2.66	0.15
2ND OURRILLE	: 0.00151		0.0157	0.00110	0.6243	2.93	0.24
SRD QUARTILE	: 0.00215	0.0013	0.0190	0.00814	0.8226	4.83	0.30
KISSING VALUES	0 :		0	0	0	0.00	00.00

APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUBMARY STATISTICS OF CONCENTRATION

			STATION=MCKELLAR LOVOL SITE NO.1 -	LOVOL SITE NO.1			ALL DO SHOOT
	KOTO BITCH	SULFATE	NITRIC	NITRATE	CALCIUM		FOLKSSTOR
	10 TO 100	TIC /W3	TIG/M3	UG/M3	DG/M3		DG/M3
	UG/M3	12 P	13	13	13		13
# OF SAMPLES	13	24	200	0 413	0 518		0.054
MAXIMOM	13.49	5.19	0.213	0.413			200 0
MINIMUM	2.34	1.52	0.046	0.096	0.000		8000
MEAN MAN	5.86	2.84	0.126	0.243	0.140		0.03
ANTITAL CHES	3 65	0.92	0.048	0.108	0.152		0.013
ARLIE. SID. DEV		2 71	0.117	0.217	0.168		0.030
GEOM. MEAN	0.0	2000	0.091	0.120	0.000		0.024
1ST QUARTILE	3.31	17:7	310.0	9960	0.115		0.032
2ND QUARTILE	3.91	2.38	0.11	000	0 193		0.048
3RD QUARTILE	8.23	3.30	0.1/1	0.307			c
MISSING VALUES	0 :	0		0			CODDED
	SOUTTIM	TRON		MAGNESIOM	LEAD		COEFEN
ı	200 000	TIC /M3		DG/M3	UG/M3		UG/M3
	22	13		13	13		13
# OF SAMPLES	200	244		0.319	0.062		0.024
MAXIMUM	0.422	0.000		000	0.00		0.002
MINIMUM	0.039	0.000		0000	010		0.004
ARITH. MEAN	0.176	0.086		0.07	0.010		0.005
ARITH. STD. DEV	: 0.116	990.0		0.083	10.0		0 003
CEOM MEAN	0.140	0.000		0.056	0.006		
1 ST ONBRITTE	0.078	0.053	0.045	0.020	0.002	0.0031	0.00
The Company of the	. 0 142	0.063		0.042	0.004		0.003
ZND COMPLETE	0 279	0.123		0.109	0.011		0.00
3RD QUARTILE	617.0			0	7		0
MISSING VALUES		Printer or new man	0	CADMITTM	SULFATE NYL TOTAL	TOTAL	TOTAL N
	NICKEL	VARIABLEON	TIME			SULFUR	NITRATE
	-		TIC /42	TIG/MS	DG/M3	UG/M**3	DG/M**3
	06/RJ		13	13	13	13.00	13.00
# OF SAMPLES	13		0 00 08	0.01115	2.1272	7.57	0.59
MAXIMOM	0.00458	0000	0.00.0	900000	0.1211	1.68	0.14
MINIMOM	0.0000		0.00	0 00288	0.8477	3,88	0.37
ARITH. MEAN	: 0.00185		57000	0.00243	0 5035	1.76	0.15
ARITH. STD. DEV	: 0.00140		0.000	0.000	0 2160	3 55	0.34
GEOM. MEAN	: 0.00159		0.0101	6,000,0	0.7100	20.00	0.24
1ST QUARTILE	: 0.00086		0.0089	0.00040	0,605.0		0.38
2ND QUARTILE	: 0.00130		0.0111	0.001//	0.0300	000	0 49
3RD QUARTILE	: 0.00341		0.0139	0.00522	0.8521	00.0	
MISSING VALUES			0	o		8	

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMERY STATISTICS OF CONCENTRATION

			NAME OF THE PARTY	MITTORITE	PUT CITY	CHLORIDE	POTASSIUM
	SULEUR. DIOX	SOLEALE	TYTTM	1	200	(14)	CM/ 542
	UG/M3	UG/M3	UG/M3	DG/M3	DG/M3	UG/M3	06/83
ON GRANTED	12	12	12	12	12	12	12
OF SHIPE INC.	3 86	1.97	0.047	0.148	2.013	0.262	0.058
TAXIMOM	0000	0 86	0.010	0.026	00000	0.098	0.008
MINIMOM	0.0	3 43	0 026	0.071	0.350		0.032
ARITH. MEAN	1.51	200	0.020	0.03	0.572		0.014
ARITH. STD. DEV	96.0	20.02		2000	0 170		0.029
SEOM. MEAN	1.25	L.39	0.023	0000	0.064		0.023
LST QUARTILE	: 0.64	1.23	0.013	6.000	0.00		0 0 0
2ND QUARTILE	1.43	1.44	0.023	0,000	0.110	1000	0.043
RD QUARTILE	1.78	1.65	0.041	0.087	0.522		000
MISSING VALUES	0	0	0	0	0		0
	SODIUM	IRON	ALUMINIUM	MAGNESIOM	LEAD	MANGANESE	
	TIG/M3	UG/M3	UG/M3	UG/M3	DG/M3	DG/M3	00
OUT CHANTED	12	12	12	12	12	12	
OF SMEETERS	0 228	1.450	0.359	0.461	0.011	9600.0	
MAXIMUM	0.025	0.000	0.016	0.000	00000		
WOUTH THE	0 155		0.135	0.106	0.004	0.0043	0.003
THE MEAN	0000		0.122	0.164	0.003	0.0024	0.001
RKITH, SID. DEV	0 147	0.081	0.081	0.074	0.004	0.0037	0.002
on our parts	0 104		0.029	0.004	0.002		0.002
THE COUNTY OF	1910		0.089	0.040	0.005		0.002
ZND COMPLIAN	0.196		0.246	0.129	900.0		0.003
THE CONTRACTOR			0	0	1	0	0
MISSING VALUES	NICKEL	VANA	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	TIGAMS	DG/M3	UG/M3	DG/M3	UG/M3	DG/M**3	DG/M**3
OF GRANTER	12	12	12	12	12	12.00	12.00
The same	0 00565	0.000	0.0186	0.01698	0.8947	2.37	0.18
MAKING	000000	0.000	0.0032	0.00013	0.3049	0.53	0.04
STATES NEWS	0.00162	0.0004	0,0085	0.00372	0.4540	1.23	0.10
ADDITION OFFI	0.00183	0.0003	0.0041	0.00531	0.1512	0.50	0.04
GEOW WEAN	0.00116	0.0004	0.0077	0.00119	0.4370	1.13	60.0
TTTTTTTT	0.00021	0.0002	0.0057	0.00028	0.3662	0.87	0.07
ON OTHER TILE	0.00083	0.0004	0.0070	0.00084	0.4180	1.24	0.10
3RD OUARTILE	0.00332	0.0007	0.0112	0.00632	0.4835	1.41	0.12
STITES OF THESE	0	0	0	0	0	00.00	00.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY STHWARY STRATISTICS OF CONCENTRATION

			SUMMARY STATISTICS OF CONCENTRALION	CS OF CONCENTRAL	TON		
	VOTE STREET	TOV CITTERIE	- STATION=MOUSSONEE LOVOL SITE NO NITERIC	E LOVOL SITE NO.	CALCIUM	CHLORIDE	POTASSIUM
	Sold Or.		TIC /N/3	TIC/MB	TIG/M3		DG/M3
	06/83	25/20		13	13		13
# OF SAMPLES	. 13			000	4		000
MAXIMOM	1.7			0.082	0.355		0.000
MINIMOM	: 0.2			000.0	0.000		0.006
ARTHH MEAN	.0			0.037	0.079		0.020
NET STORY	4.0			0.022	0.092		0.010
CEON NEWS	. 0			0.034	0.072		0.018
1 on one party				0-020	0.031		0.013
TOTAL BOWLET				0.038	0.057		0.017
ZND COMPLETE	1 14	1.20	0-020	0.051	0.080	0.371	0.027
MICOTAL MATTER				0	0		0
MISSING VALUES	- CONTUR			MAGNESTUM	LEAD		COPPER
	TIC /M3			DG/M3	UG/M3		UG/M3
The state of the s	13			13	13		13
# OF SAMPLES	70 0			0.265	0.008		0.003
MALIBOR				0.000	0.000		0.001
MINIMOM				0.069	0.003		0.002
ARLTH. MEAN				0.089	0.003		0.001
ARLIE. SID. DEV				0.064	0.003		0.001
1 on Orannite				0.013	0.001		0.001
THE COMPANY	0 24			0.042	0.002		0.001
SAN COMPLETE	200			0.068	900.0		0.002
SECONDARY WATER				0	7		0
MISSING APPORT	NICKET.		21	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
	MICHE					SULFUR	NITRATE
	TIG/M3			DG/M3	DG/M3	UG/M**3	DG/M**3
# OF GREETER	13			13	13	13.00	13.00
A OF SHIP IES	00000			0.01726	0.5847	1.36	0.10
MANAGER	0000			0,00000	0.0926	0.25	0.02
Spring Mann				0.00408	0.3341	0.79	0.05
ADTOR CTD DEV	0.0026			0.00583	0.1431	0.33	0.02
CEON MERN	0.0012			0.00115	0.2999	0.71	0.05
1ST OUARTILE	0.000			0.00016	0.2257	0.51	0.03
OND OTABLITE	0.0004			96000.0	0.3118	0.79	90.0
3RD OURRILE	0.00315	15 0.0007	0.0048	0.00606	0.4558	1.02	0.03
MISSING VALUES	0			0	0	00.00	00.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

	0,	SULFUR DIOX	SULFATE	NITRIC	NITRIC			POTASSIUM
		IG/M3	DG/M3	UG/M3	UG/M3	UG/M3		DG/M3
OF SAMPLES		13	13	13	13	13		13
BYTHIM		18.52	8.06	0.254	0.928	0.815		0.089
MINIMOM		0.36	0.11	0.000	0.156	0.233		00000
BITH MEAN		6.57	3,61	0,129	0.708	0.411		0.040
ARITH. STD. DEV		5.02	1.85	0.073	0.206	0.191		0.025
TEOM MEAN		4.70	2.78	0.129	0.658	0.377		0.036
ST OURRITLE		3.29	2.76	0.080	0.621	0.263		0.017
ND OTARTILE		4.39	3.41	0.111	0.729	0.349		0.045
RD OURRITLE		8.93	4.39	0.178	0.869	0.571		0.053
MISSING VALUES		1	1	H	1	1		7
		MUIGO	IRON	ALUMINION	MAGNESION	LEAD		COPPER
	ם	UG/M3	UG/M3	UG/M3	DG/M3	DG/M3	DG/M3	DG/M3
OF SAMPLES		13	13	13	13	13		13
AXTMIN		0.275	0,236	0.224	0.223	0.022		0.013
MINIMUM	• • •	0.071	0.044	00000	0.045	000°0		0.001
BITTH MEAN	• •	0.148	0.117	0.103	0.119	600.0		0.003
RITH. STD. DEV	••	0.061	0.055	0.065	990.0	0.007		0.003
GEOM. MEAN		0.137	0.106	0.100	0.102	0.009		0.002
IST OUARTILE		0.093	690.0	0.058	0.062	0.004		0.002
2ND OURRILLE		0.144	0.109	0.089	0.095	0.007		0.002
RD OURRILE		0.180	0,160	0.135	161.0	0.015		0,003
TESTING VALUES		1	1	П	1	2		1
	N	CKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
							SULFUR	NITRATE
	DO	5/M3	UG/M3	UG/M3	UG/M3	UG/M3	UG/M**3	DG/M**3
OF SAMPLES		13	13	13	13	13	13.00	13.00
AXIMUM		0.00524	0.0014	0.0353	0.02136	1.8609	10.38	1.16
TNIMOM		0.00035	9000'0	0.0031	0.00023	0.4073	0.22	0.16
BITTH MEAN		0.00209	0.0011	0.0199	0.00600	0.9567	4.49	0.84
ARITH. STD. DEV		0.00144	0.0003	0.0084	0.00653	0.4443	2.58	0.25
EOM. HEAN		0.00164	0.0010	0.0176	0.00247	0.8755	3.47	0.77
ST OUARTILE	••	0.00089	0.0008	0.0155	0.00053	0.6998	3.08	0.79
ND OURRILLE	••	0.00172	0.0011	0,0193	0.00469	0.8826	4.08	0.84
3RD OURRILLE		0.00307	0.0013	0.0236	0.01056	1.0463	5.57	66.0
SOUTH SET DEST			-	-	1	-	1.00	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY STHAMBLY STRIISTICS OF CONCENTRATION

		S C	SCHMARK STATISTICS OF CONCENTRATION	S OF CONCENTRATI	ON T		
	NOTE OFFICE	CHIENTE	NITRIC	NITRATE		CHLORIDE	POINSSIUM
	SOLE NO. DIOA	TIC AND	TIC/M3	DG/M3	UG/M3	UG/M3	DG/M3
	UG/M3	11	11	11	11	11	11
# OF SAMPLES	11	17	0 011	0 123	0.875	0,399	0.037
HDWINDH:	2.00	1.29	0.00	0.012	0.022	0.081	0.007
HINIMOM:	00.00	0.33	0.012	0.052	0.339	0.200	0.018
ARITH. MEAN	0.80	0.84	0.020	0.00	0.294		0.011
ARITH. STD. DEV :	0.63	0.33	0.019	0.031	0.198		0.015
GEOM. MEAN	0.71	0.78	0.023	0.034	0.055		0.009
1ST QUARTILE :	0.39	0.51	0.014	0.03	0.294		0.016
2ND QUARTILE :	0.53	0.86	0.020	0.076	0.566	0.259	0.029
3RD QUARTILE	1.23	77.7	000	0	0		0
MISSING VALUES	0	0	THE PERSON NAMED IN	MACARESTIM	LEAD	MANGANESE	COPPER
	SODIOM	INON	PLOMINION STATE	TIC/M3	DG/M3	UG/M3	UG/M3
	DG/M3	OG/M3	13	11	11	11	11
# OF SAMPLES	=	11	17	0 308	0.010	0.0153	0.018
MAXIMOM	0.249	0.528	0.800	000	0 001		0.001
MINIMOM	0.072	0.017	0.003	000.0	200.0		0.005
ARITH. MEAN	0.141	0.171	0.170	0.080	0.00	0.0043	9000
ARITH. STD. DEV :	0.058	0.175	0.202	0.090	00.0	0.0026	0.003
GEOM. MEAN	0.131	0.000	0.070	0.00	00.00	0.0011	0.001
1ST QUARTILE :	0.100	0.022	0.023	0.000	200.0	0 0000	0.002
2ND QUARTILE :	0.109	0.106	0.068	0.033	0.00	0.0063	0.010
3RD QUARTILE	0.178	0.303	0.337	0.127	20.0	c	0
MISSING VALUES	0	0	0	0	The same and same	Tanom	TOTAL N
	NICHEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	SULFUR	NITRATE
	200	570 000	TIC ANS	TIG/M3	DG/M3	DG/M**3	UG/M**3
	0G/H3	11	11	11	11	11.00	11.00
# OF SAMPLES	TT	0 0014	0 0142	0.01929	0.8530	1.43	0.16
MAXIMUM	0.00622	00000	0000	0.00013	0.1720	0.17	0.04
MINIMOM	0.0000	0.000	0.0050	0.00594	0.3816	0.68	0.08
ARITH. MEAN	0.00268	0.000	0.0038	0.00618	0.2078	0.36	0.04
ARITH. STD. DEV	0.00207	00000	0.0036	0.00218	0.3368	0.59	0.07
GEOM. MEAN	0 00116	0.0002	0.000	0.00035	0.2015	0.37	0.02
TEL COMPLIE	0.00229	0.0003	0.0036	0.00642	0.3363	0.63	0.00
ATTACAMO COC	0.00470	0.0009	0.0058	0.01044	0.4763	0.83	07.0
MISSING VALUES	0	0	0	0	0	00.00	0

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUPPRARY STATISTICS OF CONCENTRATION

	STITETIE DIOX	SULFATE	NITRIC NITRATE	NITRATE		CHLORIDE	POTASSIUM
	TO TO TO TO	200 (162)	CN/ 50	TIC/M3	UG/M3	DG/M3	UG/M3
	DG/M3	UG/M3	50/20	23/20	13	13	13
B OF SAMPLES	13	13	13	13	13	11000	046
ALL	13.74	8.92	0.256	1.217	0.853		0.1.0
ATTAIN THE PARTY.	0.56	0.20	0.073	0.139	000.000		0.004
TOTAL STREET	7 68	4.20	0.176	0.761	0.437		0.062
ARLIE. MEAN	0 0 0 0	2 50	0.064	0.278	0.289		0.041
ARITH. SID. DEV		0 0	0 163	0 687	0.356		0.045
SEOM. MEAN		3.17	000	0.552	0.203		0.027
IST QUARTILE	5.73	7.3/	0.110	20000			0 053
OND OURRILLE	7.05	3.73	0.187	0.811	108.0	0 0	200.0
3RD OURRILLE	9.82	6.13	0.229	0.956			60.0
PHILIP ONLOGIC	0	0	0	0		0	0
COOK SUICCI	SONTTIME	TRON	ALUMINIOM	MAGNESION		MANGANESE	COPPER
	2000	TIG/M3	DG/M3	DG/M3	DG/H3	UG/M3	UG/M3
	13	13	13	13	13	13	13
OF SAMPLES	2000	2 360	0.466	0.591	0.030	0.0369	0.005
MAXIMOM	0.320	000.0	0 003	0.000	0.000	0.0010	0.001
MINIMOM	190.0	200.0	156	0 129	0.010		0.00
ARITH. MEAN	8CT-0	0.544	0.135	0.173	600.0		0.001
RITH, STD. DEV	0.070	142.0	0.091	0.082	0.007	9600.0	0.003
GEOM. MEAN	77.0	1010	0 055	0.016	0.004		0.00
IST QUARTILE	107.0	0 140	0 107	0.070	900.0		00.00
2ND QUARTILE	0.129	000	280	0 138	0.015		0.00
SED QUARTILE	T6T.0	0.202		0	1		0
MISSING VALUES	0	0	0		TATA CHIEF STATE STATE	FRESH	TOTAL N
	NICKEL	VANADIOM	ZINC	CADMION	SULFATE NIL	SULFUR	NITRATE
	600	577 743	DG /M3	TIG/M3	DG/M3	UG/H**3	DG/H**3
	.UG/ PL3	22/20	13	13	13	13.00	13.00
OF SAMPLES	13	13	0350	0 01251	1.8809	7.74	1.44
MAXIMOM	0.00643	500.0	9000	0 00017	0 5790	0.35	0.21
MINIMOM	0.00080	0.0004	20000	0.0000	1 0906	5.24	0.94
ARITH. MEAN	0.002/1	0.000	10.20.0	0.0000	0.4105	1.83	0.32
ARITH. STD. DEV	0.00185	0.0006	0.0103	0.00	1 0245	4 47	98.0
GEOM. MEAN	0.00221	0.0013	0.0203	0.000.0	7984	4 51	0.74
IST QUARTILE	0.00140	0.0009	0.0208	0.0046	0 9411	5.77	0.98
2ND QUARTILE	89700.0	7700.0	2000	A00000	1 4759	6.12	1.16
3RD QUARTILE	0.00428	8TOO O	0.0342	-		000	00.00
DOTT TATE OFFICE OF			0			0000	1

APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY STRATES STRATES OF CONCENTRATION

			S THE	DIMMARY STATISTIC	SUMMARY STATISTICS OF CONCENTRATION	10 1		
		NOTO CHAR	CHT PATE	NTTRIC	NITRATE	CALCIUM	CHLORIDE	ж
	TOC	SOLD OR. DAOA	2000	TIC /W3	TIC/N3	TG/M3	UG/M3	DG/M3
	06/	UG/M3	06/PD	11	11	11	11	
# OF SAMPLES		11	14	000	0 522	0.346		
MAXIMOM	••	1.88	77.7	0.53.0	1000	0000		
MINIMOM		0.26	0.04	210.0	0.029	140		0.039
ARITH. MEAN		0.91	10.1	20.0	177.0	0 131	660.0	0.051
ARITH. STD. DEV		0.55	0.74	0.00	75.70	200		0.021
GEOM. MEAN	••	0.76	99.0	0.042	180.0	0.103		0000
1ST OHARTILE	••	0.48	0.41	0.021	0.048	0.028		0000
TILL CONTRACTOR		0.74	0.95	0.040	0.063	0.093		0.026
ZIL COMPATIE		1.50	1.39	0.087	0.125	0.303		0.050
SECOND TRITTED		-	0	1	0			
MISSING ANTOCIN		The same	NOGI	ALTHINITA	MAGNESIOM			
	NO.	E CTO	TIC (N2)	TIC/W3	TIG/M3			DG/M3
	190	E S	11	11	11	11	11	
# OF SAMPLES		11	031.0	101	9910	0.011	0.0066	
MAXIMUM		0.368	8CT-0	191.0	000	000	0000	
MINIMOM		0.051	0.016	0.000	0.000	2000	0 0035	
ARITH. MEAN	**	0.176	0.010	0.062		0.003	0000	
ABLTTH. STD. DEV	**	0.098	0.046	690.0	0.052	0.003	0.0020	0.00
MERN MODE		0.151	0.055	0.033		0.002	0.0029	
1cm outputte		0.089	0.022	0.005		0.000	0.0015	
TST COMPANY		0 163	0.064	0.038		0.002	0.0031	
ZND QUARTILE		249	101.0	0.101		0.004	0.0056	
3RD QUARTILE		0.543				7	0	
MISSING VALUES		0 1	O CONTRACTOR OF THE PARTY OF TH	ONLE		SHIPATE NYL	TOTAL	TOTAL N
	NICE	NICKEL	VARADIOM	DATE		SOLEOF	SULFUR	NITRATE
	1	2		TIG/M3	DG/M3	UG/M3	DG/M**3	DG/M**3
	1/50	2:		11	11	11	11.00	11.00
# OF SAMPLES		11		0 0000	0.01388	0.8515	1.26	0.75
MAXIMOM		20000		0000	0.00017	0.000	0.26	0.04
MINIMOM		00000		00000	0 00574	0.3822	0.78	0.19
ARITH. MEAN		0.00297		0.0030	0.00557	0.3066	0.33	0.21
ARITH. STD. DEV		0.00243		00000	0.00226	0.4152	0.71	0.13
GEOM. MEAN		0.00248		0.000	0 00035	0.1251	0.50	0.07
1ST QUARTILE		0.0000	0.000	0.0040	0.00552	0.3180	0.77	0.15
ZND QUARTILE		00000		0.0068	0.01159	0.7246	1.07	0.20
3RD QUARTILE		0.00460		0	0	-	1.00	1.00
MISSING VALUES		>						

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

	A	CHINA WAY AND	NITTOTIC	NITRATE			TOTAL TOTAL
	SULFUR DIOX	SULFAIR	THITM	1	50000	TIG/M3	UG/M3
	EM Ju	TIG/M3	DG/H3	DG/H3	06/83		2.2
	200	13	13	13	13		27
# OF SAMPLES	13	1.3	200	704	0.531	0,395	0.127
MANYTHIN	15.33	5.26	0.163	*D1.0	000		0.012
The same of the same of	0.07	00.00	0.003	0.013	200.0		0 046
MINIMOM	000 11	2 58	0.088	0.404	0.230		0.00
ARITH. MEAN	3.00	1 55	0 046	0.221	0.180		0.031
ARITH. STD. DEV	4.13	D. 1.	0.00	0 304	0.205		0.038
GEOM. MEAN	3.18	2.46	0.063	0000	0 045	0.182	0.023
1 cm OTTABILLE	2.63	1.51	0.052	0.240	2000		0.045
The state of the s	3.80	2.21	0.092	0.443	0.233		0 058
ZND COARLILE	6 43	3.92	0.121	0.503	0.373		0000
3RD QUARTILE			c	0	0		0
MISSING VALUES	0	0	STITISTICS.	MAGNESTUM	LEAD		COPPER
	MOIGOS	THON	ALORE MACON	(20)	TIC/M3	UG/M3	DG/M3
	UG/M3	UG/M3	UG/RES	23	13		13
# OF SAMPLES	. 13	13		172			0.004
THE PARTY OF THE P	0.293	0.342		0.16/		3000	100 0
MAXIMOM	0 000	0.000	0.003	0.000			0000
MINIMOM		100		0.053			0.005
ARITH. MEAN	0.144	190.0		0.055	900.0		0.001
ARITH. STD. DEV	: 0.073	0.087	0.001	0 045	0.005	0.0042	0.002
GEOM. MEAN	: 0.126	0.058		0 003	0.002		0.002
1ST OURRILLE	0.083	0.023		0.00	900 0		0.002
OND OTBETTEE	0.138	0.069	0.054	0.036	000.0		0.003
STATE OF STATE	0.203	0.108		0.015			C
SKU DOMEST		c	0	0	1		
MISSING VALUES	O O	WANADITH	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL R
	MICHER					SULFUR	NITHATE
			500000	TIG/M3	DG/M3	UG/M**3	UG/H**3
	DG/M3	Ď	13	13	13	13.00	13.00
# OF SAMPLES	. 13		0 0000	0 00083	1.3371	8.98	0.90
MAXIMUM	0.00950		0.0228	0.000	0000	0.04	0.02
MINIMIM	0.00000	0.0000	0.0006	0.00012	0.000	3.36	0.49
	0 000 0		0.0118	0.00322	0.1344		30 0
ARITH. MEAN	0.00263		0.0061	0.00355	0.3089	2.29	0.43
ARITH. STD. DEV	0.00262		10000	0.00143	0.7682	2.22	0.38
GEOM. MEAN	0.00208		8800	0 00031	0.6328	2.11	0.32
1ST QUARTILE	: 0.00061		0.0000	0 00008	0.7056	3.08	0.54
2ND QUARTILE	0.00248		0.0170	00000	0 8756	4.14	0.61
3BD OTBRILLE	0.00404		TOTOTO	0.000		00-00	00.00
Partitud Character	0 .	0	0	0			

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

		S	STATION-SMITHS FALLS LOVOL SITE NO	LS LOVOL SITE N	1.		
	SULFUR DIOX	SULFATE	NITRIC	NITRATE		CHLORIDE	POTASSIUM
	DG/M3		UG/M3	UG/M3	UG/M3		UG/M3
A OF SAMPLES	13	13	13	13	13		13
MAYTMIM	10.81	6.51		0.692	1.819		0.175
MINIMIM	1.55	2.02		0,190			0.018
ADTTH MERN	4.73	3.61		0.425			0.082
APITH STD. DEV	2.49	1.34		0.160			0.051
CEON MENN	4.21	3.41		0.396			0.067
1sr offserite	3.31	2.64	0.061	0.282	0.386	161.0	0.041
OND OTABLITE	4.01	3.16		0.397			0.070
SED OTABLITE	5.52	4.14		0.579			0.115
MISSING UNITES	0	0		0			0
	SODIUM	IRON		MAGNESIOM			COPPER
	TIG/M3	DG/M3		UG/M3			UG/M3
* OF SAMPLES	13	13		13			13
NO. C. PALLET	. 0 723	0.388		0.820			0.004
MINIMIM	0.094	0.000	0.025	0.046	0.000	0.0059	0.001
A DAME WERE	0 280	0.180		0.335			0.002
ADT'TH ST'D DEV	0.199	0.109		0.241			0.001
GEOM MEAN	0.234	0.173		0.260			0.002
1ST OHBETTE	0.125	0.107		0.167			0.001
OND OTRETTLE	0.234	0.142		0.252			0.002
3DD OTABLITE	0.439	0.270		0.490			0.003
MISSING WALTES		0		0			0
STORY SHIPPING	NICKEL	VANADIOM	ZII	CADMIUM	SULE	TOTAL	TOTAL N
						SULFUR	NITRATE
	DG/M3		DG/M3	UG/H3	UG/M3	UG/M**3	DG/M**3
# OF SAMPLES	13		13	13	13	13.00	13.00
MAXIMUM	0.00322		0.0271	0.00984	1.0380	6.41	0.80
MINIMIM	0.00094		0.0094	0.00353	0.4618	2.02	0.29
ARITH MEAN	0.00162		0.0185	0.00747	0.7141	3,57	0.53
ARTTH STD. DEV	0.00071		0.0057	0.00191	0.1732	1.23	0.17
GEOM. MEAN	0.00151		0.0177	0.00719	0.6954	3.39	0.50
1ST OTARTILE	0.00106		0.0148	0.00609	0.6001	2.65	0.37
2ND OUGHTILE	0.00148	0,0011	0.0163	0.00825	0.6839	3,33	0.48
3RD OURRITLE	0.00178		0.0245	0.00876	0.8529	4.29	0.71
MISSING VALUES	0 :		0	0	0	0.00	0.00

ONTARIO MINISTRI OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARLO STUDY SUMMARY STATISTICS OF CONCENTRATION

	enterno DION	SULFATE	NITRIC	NITRIC		CHLORIDE	POTASSIUM
	SOLE ON DE ON	TIC /W3	TIC/M3	DG/M3	DG/M3	Þ	UG/M3
	UG/H3	06/R3	13	13	13		13
OF SAMPLES	13	1.3	13	010	170		0 08
MUMITAGE	5.89	3.49	0.163	0.2/3	0.347		2000
MATHEMATIN	0.88	1.46	0.034	0.061	0.00		00.0
TOTAL STREET	2 52	2.02	0.081	0.150	0.106		0.03
ARITH. MEAN	20.2	95.0	0.038	0.063	0.105		0.02
RITH. STD. DEV	7 7 7	90.1	0 073	0.137	0.107		0.02
GEOM. MEAN	2.19	P 1	2000	200	0.015		0.01
1ST QUARTILE	1.32	1.07	0.032	0.00	0 069	0.172	0.025
2ND QUARTILE	2.26	1,88	6/0.0	0.132	100.0		0.05
3RD QUARTILE	3.39	2.28	0.105	0.189	0.132		0
MISSING VALUES	0 :	0	0	0	0	0	8
	MOIDS	IRON	ALUMINIUM	MAGNESIUM	LEAD	MANGANESE	
	TIC/M3	TIG/M3	UG/H3	UG/M3	DG/M3	DG/M3	DG/M3
-	13	13	13	13	13	13	
OF SAMPLES	316	0 140	0.203	0.284	0.009	0.0088	
MAXIMOM	0.015	000	9000	0.000	00000	0.0020	
INIMOM	6.00	9000	0 020	0 075	0.003	0.0043	
ARITH. MEAN	0.130	0.063	0.00	0.088	0.003	0.0020	0.002
RITH, STD. DEV	0.036	20.00	0 061	0.069	0.003	0.0039	
GEOM. MEAN	811.0	0000	0 033	0.010	0.000	0.0026	
LST QUARTILE	0.00	0.00	0 068	0.039	0.003	0.0043	
ND QUARTILE	17.0	0.00	960 0	0.095	0.005	0.0054	
3RD QUARTILE	181.0	707.0	0	0	1	0	
IISSING VALUES	0	0		-	TANK DEPARTMENT	TOTAL.	
	NICKEL	VANADIOM	ZINC	CADMIUM	SOLEATE NIL	SITTEMS	NITRATE
		4	-	200	TAC/143	TIG /M**3	UG/M**3
	DG/M3	DG/M3	UG/M3	200/200	12	13 00	13.00
# OF SAMPLES	. 13	13	13	13	13	20.00	0 37
TAN TANTA	0.00514	0.0010	0.0313	0.01257	1.0230	07.7	2
TOTAL STREET	000000	0.000	0.0027	0.00000	0.4339	1.07	0.12
THEFT	0 00167	0 0004	0.0092	0.00354	0.6545	1.93	0.23
HITH. MEAN	0.0010	0000	9 00 0	0.00456	0.1659	0.70	0.09
ARITH. SID. DEV	0.00113	0 0005	0.0073	0.00131	0,6365	1.82	0.22
SEOM. MEAN	0.00000	0000	0 0049	0.00013	0.5254	1.34	0.15
1ST QUARTILE	0.00038	0.000	0.0063	0.00127	0.6429	1.78	0.23
SND QUARTILE	0.00102	0.000	0.0118	0.00609	0.7693	2.45	0.31
3RD QUARTILE	0.00323			C	0	00.00	00.00
IISSING VALUES	0	0	0				

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY STAMBRY STATISTICS OF CONCENTRATION

9			STATION=UXBRIDGE LOVOL SITE NO.1 -	LOVOL SITE NO.	1		
	STILETTE DIOX	SULFATE	NITRIC	NITRATE	CALCIUM	CHLORIDE	POTASSIUM
	TIC/M3		DG/M3	DG/M3	UG/M3	UG/M3	DG/M3
A OF CRASTER	13	13	13	13	13	13	13
THE SHEET AND A SH	46.20	41.25	1.699	4.246	7.886	4.853	0.152
MALE THE PARTY OF	1.37	0.75	900.0	0.108	000.00	0.174	0.016
AND MANUEL AND	8 44	5.74	0.205	0,697	0.916	0.732	0.052
ADIME CAD DEV	12.49	11.25	0.472	1,131	2.206	1.308	0.040
CEON MEAN	4.74	2.82	0.071	0.411	0,352	0.406	0.041
1cm outsputte	2.47	1.59	0.034	0.264	0.144	0.241	0.023
THE CHAPTIE	4.10	2.37	0.072	0.378	0.237		0.034
3DD OTTABLILE	9.61	3,90	0.120	0.608	0.473		0.079
WESTERN WATTES		1	-	1	7	1	1
CTOTAL ONICCIA	SODIUM	TRON	ALUMINIUM	MAGNESIOM	LEAD	MANGANESE	COPPER
	TIG/M3	UG/M3	UG/M3	UG/M3	UG/M3	UG/M3	DG/M3
A OF CRUMPTED	13	13	13	13	13	13	13
OF SHIPE LESS	37.6 6	2 062	1.092	0.789	0.249	0.0849	0.042
MAXIMOM	0.073	0.017	0.014	00000	000'0	0.0021	0.001
MINIMON	0.278	0.252	0.155	0.104	0.029	0.0127	900.0
ARLIB. MEAN	0000	6774	0 301	0.223	0.073	0.0231	0.012
ARITH. SID. DEV	0.003	0.092	0.069	0.064	0.010	0.0065	0.003
SEOM. MEAN	0 0 0 8	0.052	0.037	0.000	0.003		0.001
TOTAL CHARACTER	0.195	0.066	090.0	0.024	0.007		0.003
200 OTRBITLE	0.358	0,136	0,091	0.121	0.013		0.005
WIGGING UNITES	1	1	1	1	2	1	1
TITOTIA PATERIA	NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	TIC /M3	TIG /M3	DG/M3	UG/M3	UG/M3	UG/M**3	DG/M**3
DOLLAR CONTROL	13	13	13	13	13	13.00	13.00
# OF SAMELES	. 0 01213	0.0061	0.2396	0.01464	12.4355	36.85	5.94
PACT THON	000000	0.0001	0.0057	0.00025	0.1902	1.06	0.18
HOUTENIE STATE	0.00016	0 0012	0.0383	0.00562	1,6583	6.13	06.0
ARLIH. MEMI	0.00328	0.0016	0.0641	0.00541	3.4028	9.90	1.60
ARLIB. SID. DEV	0.00098	0.0008	0.0219	0,00234	0.7937	3.45	0.51
Tom Ortenment	0 00124	90000	0.0115	0.00030	0.5621	1,66	0.29
TSI COMPATIE	0.00232	0.000	0.0200	0,00576	0.7423	2.97	0.47
3DD OURBITTE	0.00433	0,0012	0.0314	0.00919	0.8740	5.79	0.64
MISSING VALUES	-	1		1		1.00	1.00

ONTARIO MINISTRY OF THE ENVIRONMENT
APIOS - ACIDIC PRECIPITATION IN ONTARIO SIUDY
SUMMARY STATISTICS OF CONCENTRATION

NITRATE   NOTATION				THITOMENTAL	STATION-WITHERPORT POACE STIE NO		TOTAL OF THE	DOTRECTION
DEV   13		SULFUR, DIOX	SULFATE	NITRIC	NITRATE	CALCIUM	CHLORIDE	TOTAL STORY
DEV   11.37   133   133   134   13		TIC/M3	DG/M3	UG/M3	DG/M3	UG/M3	DG/M3	UG/M3
Total   Tota	1	13	13	13	13	13	13	13
DEV   1.37   2.15   0.052   0.050   0.528   0.050   0.528     1.37   2.15   0.053   0.055   0.055   0.055   0.055   0.528     1.38   2.25   0.074   0.055   0.055   0.055   0.055   0.055     1.3.6   2.25   0.078   0.055   0.055   0.055   0.055     1.3.6   2.25   0.078   0.055   0.055   0.055   0.055     1.3.6   2.25   0.078   0.055   0.055   0.055   0.055     1.3.6   0.054   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.055   0.055   0.055   0.055   0.055     1.3.6   0.055   0.005   0.005   0.0005   0.0005   0.005     1.3.6   0.005   0.005   0.0005   0.0005   0.0005   0.0005   0.0005     1.3.6   0.005   0.005   0.0005   0.0005   0.0005   0.0005   0.0005     1.3.6   0.005   0.0005   0.0005   0.0005   0.0005   0.0005   0.0005     1.3.6   0.005   0.0005	# OF SAMPLES	10000	00 0	0 225	1 151	1.433	0.741	0.105
11.37   12.44   0.136   0.265   0.454   0.136   0.13	MAXIMOM	20.34	00.0	0 042	0.222	0.000	0.282	0.000
11.54   2.14   0.0524   0.435   0.435   0.136     10.84   2.25   0.108   0.285   0.045   0.435   0.526     10.84   2.25   0.108   0.285   0.045   0.645     10.76   2.25   0.108   0.285   0.045   0.645     10.76   2.25   0.108   0.045   0.045   0.045     10.76   0.108   0.044   0.044   0.044   0.044     10.78   0.048   0.044   0.044   0.044   0.044   0.044     10.78   0.048   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044   0.044   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044   0.044   0.044   0.044   0.044   0.044   0.044     10.78   0.044	MINIMOM	0.12	0000	0.00	299 0	0 454	0.538	0.046
10   10   10   10   10   10   10   10	ARITH. MEAN	11.3/	07.50	0.053	200.0	0.436	0.136	0.031
10	ARITH. STD. DEV	3.86	18.7	0.00	100	0 228	0 520	0.049
The color of the	GEOM, MEAN	10.84	2.25	0.107	0.080	6000	254.0	0 0033
10.76   10.76   0.1502   0.1502   0.1502   0.1502   0.1502   0.1502   0.1503   0.1	1ST OHABITLE	8,36	0.82	0.078	0.438	0.04/	0.433	0.023
The color of the	TILDUNG CITE	10.76	3.02	0.108	0.630	0.502	0.585	0.052
March   Marc	ZND COMPLETE	13.56	4.60	0.162	0.910	0.662	0.646	0.064
Decided   1908	3RD QUARTILE	2000			0	0	0	0
Column	MISSING VALUES	O CODE	TOOM	MITHTIME	MAGNESTON	LEAD	MANGANESE	COPPER
Name		NOT TOO	TO MA	CW/ 511	TIG/M3	DG/M3	DG/H3	DG/M3
National Colored   Color		UG/M3	CE/20	23	13	13	13	13
Colored   Colo	# OF SAMPLES	13	13	500	100	0 046		0.004
National Colored   Color	MAXIMUM	0.220	0.354	0.322	0.331	0.00		000
Name   0.162   0.129   0.107   0.117   0.101   0.1055	MINIMOM	0.070	0.013	000 0	00000	0.000		000.0
DEW   0.044   0.085   0.085   0.0051	MENN MENN	. 0.162	0.129	0.107	0.117	0.010		0.003
Colored   Colo	APLIE. PEAN	0.040	960.0	0.110	0.172	0.013		0.001
Colored   Colo	Actin. Sip. Day	156	0.091	990.0	090.0	0.005		0.003
NICKEL   VANADIUGH   CONTROL   CON	GEOM. MEAN	143	0 038	0.017	0.018	0.001		0.002
NICREL   O.105   O.105   O.105   O.107   O.104   O.107   O.1014   O.1015   O.105   O	1ST CUARCILE	1100	0000	0 076	0.058	0.005		0.003
NICKEL   VANDDIUGH   ZINC   CADDHIOH   SULEATE NYL   TOTAL   STEATE NYL   STEATEN	ZND QUARTILE	00100	001.0	0.165	0.107	0.014		0.003
NICKEL   VANADIUM   ZINC   CADMIUM   SULFATE NT.1   TOTAL   TOTAL   TOTAL	3RD QUARTILE	681.0	007.0	2		p		0
NICKEL VANNDIUM ZINC CADMIUM SULAME NIL 101AL LITERAL LITERAL SULAME NIL SU	MISSING VALUES	0 :	0		0	4		mome v
g :         13         13         0.07H3         0.00H3		NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	NITHON IN
graph         tock/state         tock/state </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>SULFUR</td> <td>THE STATE OF</td>						1	SULFUR	THE STATE OF
B 13 13 13 13 13 13 13 13 13 13 13 13 13		TIG/M3	DG/M3	DG/M3	DG/M3	DG/M3	UG/M×3	06/M-73
0.00000 0.0000 0.0000 0.00000 0.00000 0.5781 11.04 0.00000 0.00000 0.0000 0.00000 0.5781 0.756 0.00000 0.0010 0.0010 0.0126 0.00100 0.5777 0.18 0.002541 0.0015 0.00156 0.00156 0.00177 0.741 0.00114 0.0001 0.00254 0.0015 0.00254 0.00157 0.704 0.00254 0.0001 0.00254 0.0015 0.00254 0.0015	STITUTE TO A	13	13	13	13	13	13.00	13.00
DEV : 0.00000 0.0000 0.0006 0.0006 0.5781 3.56 0.73 0.0009 0.00091 0.00145 0.00145 0.00145 0.00146 0.00146 0.0015 0.00468 0.10047 6.40 0.0015	a OF SAME	0 09583	0.0057	0.0447	0.01269	1.9313	11.04	1.30
DEV         0.00931         0.0101         0.0231         0.0032         0.0147         6.73           PEV         0.02531         0.0156         0.0145         0.0466         0.377         2.18           E         0.0014         0.0015         0.00156         0.00176         0.7038         4.74           E         0.0014         0.0024         0.0026         0.0039         0.7038         7.04           E         0.00215         0.0030         0.0345         0.00313         1.0074         7.04           F         0.00315         0.0030         0.0345         0.00313         0.0034         0.000	MAXIMOM	00000	0000	9000 0	0.0000	0.5781	3.56	0.26
DEV         0.02531         0.0145         0.00468         0.3767         2.18           C.02534         0.0015         0.0156         0.0075         0.471         6.40           E         0.0014         0.0001         0.0086         0.00123         0.7038         4.74           E         0.00258         0.0012         0.0026         0.00123         1.0074         7.04           E         0.00515         0.0030         0.0345         0.0345         0.0031         0.0034           F         0.00515         0.0030         0.0345         0.0034         0.0034         0.000	HINIMOM	10000	0.000	0 0231	0.00382	1.0047	6.73	0.78
DEV         0.02551         0.0114         0.0136         0.00176         0.00176         0.401           E         1.00014         0.0002         0.0036         0.00136         0.7038         4.74           E         1.00014         0.0001         0.0024         0.0024         0.0024         7.04           E         1.00015         0.0034         0.0345         0.00137         1.2376         8.19           F         0.00315         0.0030         0.0345         0.0031         0.000	ARITH. MEAN	0.00381	0.00	1 1 1 1 1 1	0 00460	73767	2.18	0.31
E : 0.0014 0.001 0.0060 0.0039 0.703 4.74 7.04 E : 0.00558 0.0031 0.0054 0.0013 1.0074 7.04 7.04 7.04 7.04 7.04 7.04 7.04	ARITH, STD. DEV	0.02591	0.00TS	0.00	0.00178	0 9471	6.40	0.72
E : 0.00114 0.0001 0.0080 0.00139 1.0038 7.14 E : 0.00258 0.0012 0.0254 0.00123 1.0074 5.19 E : 0.00515 0.0030 0.0345 0.00815 1.2376 8.19 F : 0.00515 0.0030 0.0345 0.00815 0.00815 0.00	GEOM, MEAN	0.00316	0.0015	9670.0	0.00	1000	41	0 52
. 0,00258 0,0012 0,0254 0,00123 1,0014 1,04 ; 0,00515 0,0030 0,0345 0,00815 1,2376 8,19 · 0 0 0 0 0	1ST OUARTILE	: 0.00114	0.0001	0.0080	0.00039	0.7038	7	000
0.00515 0.0030 0.0345 0.00815 1.2376 8.19	OND OTABILE	0.00258	0.0012	0.0254	0.00123	1.0074	1.04	0.78
00.00	SON OTROPITED	0.00515	0.0030	0.0345	0.00815	1.2376	8.19	10.1
	Second and and and		O	0	0	0	00.00	00.00

## PART IV

SUMMARY STATISTICS OF OBSERVED CONCENTRATION BY REGION



ONTEARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUPMARK STATISTICS OF CONCENTRATION

# OF SAMPLES   OF MAILTH AND	STILETTE DIOX		10.40			CUTODIDE	POTRECTIM
		SULFATE	NITRIC				E Chemona via
	DG/M3	DG/M3	UG/M3	_			DG/M3
	35	35	35			(7)	35
	46.20	41.25	1.699				0.152
	0.00	0.24	900.0				0.000
	6.16	3.91	0.166		0.499		0.048
	7.88	6,83	0.285		1.345		0.032
	4.51	2.59	0.100		0.253		0.044
	2.45	2.11	990.0		0.101		0.026
	4.13	2.64	0.100		0.230		0.040
	7.93	3.26	0.175	0.589	0.452	0.444	090.0
	2	2			2		7
	MOIDO	IRON			LEAD		COPPER
	G/M3	UG/M3	UG/M3	DG/H3	UG/M3	DO	DG/M3
	35	35		35	35		35
	2.275	2.062		0.789	0.249		0.042
	0000	0.000	000.0	00000	0.000		0.000
ARITH. STD. DEV :	0.234	0.139		0.077	0.015		0.004
GEOM. MEAN	0.383	0.353		0.149	0.046		0.007
OCCUPANT CALLED	0.151	0.080		0.049	900.0		0.002
1 or OTABATTE	0.085	0.036		0.000	0.003		0.002
THE PRINTERS OF THE PRINTERS O	0.132	090.0		0.027	900.0		0.002
3an onaRTILE	0.288	0.117	0.070	0.074	0.011	0.0075	0.003
MISSING VALUES	2	2		2	7		2
	NICKEL	VANADIUM	ZINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
50	DG/M3	UG/M3	UG/M3	DG/M3	UG/M3	DG/M**3	DG/M**3
	35	35	35	35	35	35.00	35.00
	0.01213	0.0061	0.2396	0.01464	12.4355	36.85	5.94
MINIMIM	0.0000	0.0000	0.0010	0.00000	0.1902	0.08	90.0
	0.00230	0.0010	0.0236	0.00503	1.0772	4.38	0.61
DEU :	0.00248	0.0011	0.0399	0.00487	2.0576	6.10	0.98
	0.00189	0,0008	0.0152	0.00207	0.7297	2.98	0.42
27	0.00075	0.0005	0.0099	0.00031	0.5571	2.09	0.26
	0.00175	0.0008	0.0147	0.00373	0.7443	3.11	0.40
	0,00262	0.0011	0.0240	0.00915	0.8577	4.76	0.67
ES :	2	2	2	2	7	2.00	2.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

		entrine nrox	SITEATE	NITRIC	NITRATE	CALCIUM		TOTECHTO?
		TIC /M3	TIG/M3	DG/M3	UG/M3	DG/M3	DO	DG/M3
-		00/20	88	88	88	88		88
OF SAMPLES		12 40	5 19	0.213	0.413	2.013		0.08
MAXIMOM		0000	0 0	0000	0000	0.000		0,004
MINIMOM		0.22		0000	0 146	0 144		
ARITH. MEAN		3.85	2.00	0.072	9000	244	0 115	0 018
UITH. SID. DEV	• •	3.15	0.93	0.043	960.0	10.2.0		
SEOM. MEAN		2.67	1.84	0.055	0.114	0.110		
TTTTTTTTTT		1.48	1.46	0.030	0.068	0.027		
OTTO CITABLETTE		2.80	1.95	990.0	0.121	0.074		
OND COMPLETE		5 79	2.56	0.106	0.219	0.164		
DOWNER THE					1	T		
STORMA ANTON		CONTINE	TDON	MULINITAL	MAGNESION	LEAD	HON	
		TIC /M3	TIG/M3	DG/M3	UG/M3	UG/M3	DO	
DOT CHAMPED		88	88	88	88	88		
OF SHIPE THESE		0 0 0	1 450	0.645	0.501	0.062		
MAXIMOM		0000	000 0	0.007	0.000	00000		
MUMIN.		0 169	0 112	0.106	0.092	0.005		
ARITH. MEAN		100	0 189	0.129	0.122	0.008		
THE STR. DEA		0 145	0.078	0.063	690.0	0.004	0.0037	0.003
THE OTHER TIE	٠.	0.091	0.029	0.030	0.018	0.001		
THE COMPLETE		0.149	0.059	0.058	0.042	0.004		
D CONTRACTO		0 214	0.126	0.126	0.098	0.008		
DOMESTICS OF THE OWNER OWNER OF THE OWNER O			1	1	-	8		
SSTNG VALOES		MICHEL	VANADITIM	SINC	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
		MICHEL					SULFUR	NITRATE
		TIC /WR	TIG/M3	DG/M3	UG/M3	UG/M3	UG/H**3	DG/M**3
Oct on the Pool		88	88	88	88	88	88.00	88.00
OF SAMPLES		0 00008	0.0029	0.0335	0.02098	2,1272	7.71	0.59
MAKING		00000	0.000	0.000	0.00000	0.0926	0.25	0.02
STRINGS NEWS	٠.	000000	0.0005	0.0099	0.00361	0.6259	2.61	0.22
TIME CHE DEV		0 00187	0.0005	0.0065	0.00498	0.3009	1.70	0.14
CEOM MERN		0.00151	0.0005	0.0082	0.00131	0.5611	2.07	0.17
on our David		0 00061	0.0001	0.0057	0.00027	0.4603	1.32	0.10
OWN OTHER TIE		0.00131	0.0004	0.0093	0.00108	0.5858	2.31	0.20
SOUND OTTABLETE.		0.00340	0.0008	0.0125	0.00544	0.7978	3.48	0.30
The state of the s				-	-	-	1.00	1.00

ONTARIO HINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY SUMMARY STATISTICS OF CONCENTRATION

			SUMMARY STATISTICS OF CONCENTRATION	CS OF CONCENTRAL	TON		
	STITE DIOX	X SITEATE	NITRIC		CALCIUM		-
	DG/M3		UG/M3	DG/M3	UG/M3	-	DG/M3
# OF GAMPIES	19	61	61		61		
AND THE PARTY OF T	2.56		0.230		0.875		
MONTH NOW	000				0.000		
PINIMOM MERN	0.89	0.97	0.039		0.152		0.025
ADITHE CATO DEU	0.57				0.193		0.028
CEON WEAN	. 0.77				0.111		0.020
1er omprire	0.44				0.024		0.012
Tel Controlle					0.071		0.018
200 COMPLIES	1.36				0.216		0.030
MANAGEMENT AND THE					E4		2
STORY SWITCHE	SONTHW				LEAD		COPPER
	TIG/M3				UG/M3		DG/M3
* OF STANFES	19				61		19
The same and	105.0				0.011		0.018
MATATAGA	0.051				0.000		0.000
NEWS MEAN	0.147				0.003		0.002
APLIE FEMO	0.070				0.003	0.0026	0.004
GROW MEAN	0.133				0.002		0.002
1ST OHABITLE	0.094				0.001		0.001
2ND OHABITIE	0.131				0.002		0.001
PEN OTTABLILE	0.178				0.004		0.003
MICOING WALTER					7		
OTTO SUITCOTE	NICKEL		21	CADMIUM	SULFATE NYL	TOTAL	TOTAL N
						SULFUR	NITRATE
	TIC/M3		UG/M3	DG/M3	UG/M3	DG/M**3	UG/M**3
# OF CAMPIES	. 61		61	61	61	61.00	61.00
NA STATES	0.02580		0.0646	0.02396	1.2818	1.45	1.09
MANAGEMENT OF THE PARTY OF THE	0 00000		0.000	0.00011	0.000	0.12	0.02
ADTTH MEAN	0.00320		0,0058	0.00571	0.4183	0.77	0.15
ADITUD CATO DEU	. 0 00401		9600.0	0.00572	0.2701	0.34	0.20
GEOM. MEAN	. 0.00222	0.0005	0.0040	0.00233	0.3671	0.68	0.10
1ST OURRILE	0.00056		0.0009	0.00044	0.2523	0.50	90.0
2ND OURRILLE	: 0.00209		0.0038	0.00399	0.3506	0.75	0.10
3RD QUARTILE	: 0.00470		0.0065	0.00000	0.5029	1.04	0.16
MISSING VALUES	EN		2	2	m	3.00	T.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONTARIO STODY SUMMARY STATISTICS OF CONCENTRATION

								TOO BLOOK
		CITTETTO DIOX	SULFATE	NITRIC	NITRATE	CALCIUM		FOTOSTON.
		Source Or Control	577	TIC/M3	TIG/M3	DG/M3		DG/M3
		DG/H3	06/M3	200	23/20	200		
S OF CRUDITES		42	42	42	42	78		400
OF SAME LESS		10 63	13.73	0.393	1,636	7.935		
PAXIMOM		7 000	900	0 052	0.029	0.000	0.164	
IINIMOM		1.24		0 0	104.0	0 733		
URITH, MEAN	••	5.58	4.33	0.118	0.000			
DEV STD. DEV		3.84	2.44	0.066	0.282	197.T		
TOTAL PROPERTY.		4 65	3.73	0,105	0.353	0.434		
GEOM. MEAN		0000	000	0 079	0.255	0.185	0.269	090.0
ST QUARTILE		3.03	N 0	0000	0000	E9E 0		
ND QUARTILE	••	4.44	3.08	0.03	0000	0000		
IND OURRILLE	••	6.81	5.31	0.150	6/6.0	0.000		
PRILITY ONLOGIE		1	п	-	-	7		-
DUTCE!		SOUTH	TRON	ALUMINIUM	MAGNESION	LEAD		COPPER
		TIG/M3	DG/M3	DG/M3	UG/M3	UG/M3	DG/M3	DG/M3
		62	42	42	42	42		42
OF SAMPLES		78	1 111	1 032	0.820	0.044		600.0
MAXIMOM	••	5.120	1000	0000	000 0	0.00		000.00
INIMOM	••	0.034	200.0	0 10 10	1000	900 0		0,003
RITH. MEAN	••	0.482	191.0	0.127	0 107	2000		0.002
ARITH. STD. DEV	••	0.999	0.175	T9T-0	0.10	0000		0.003
EOM. MEAN	••	0.257	0.130	0.090	0.Te0	000.0		0000
OTTOTAL OFFICE		0.128	0.073	0.054	990.0	0.005		0.002
The state of the s		0 238	0.120	0.087	0.171	0.008		0.003
ND COARTILE		985	0.198	0.154	0.259	0.012		0.004
RD QUARTILE	٠	000			pri	7		1
IISSING VALUES	••	4	4	-	The Distriction of	CITY ENTER NAT.	TOTAT.	TOTAL N
		HICKEL	VANADIUM	ZINC	HOTHOW	SOLE MAN	The same	STAGETS
				the state of the s	20,00	27/24	TIC /M**3	UG/M**3
		UG/M3	DG/M3	UG/M3	UG/M3	06/PD		00 67
STORE STATE		42	42	42	42	42	42.00	25.00
OF SHEETERS		0 03681	1200 0	0.0720	0.85079	13.7435	12.43	2.03
TAXIMOM		10070.0	0000	0 0088	0.00060	0.0579	1.65	80.0
HINIMOM	••	0.00094	0.000	0.000	0.02850	1.2158	4.23	0.55
RITH. MEAN	••	0.00328	0.0018		42170	2 1108	2.10	0.32
ARITH. STD. DEV	••	0.00550	0.0013	0.0129	0.00223	0 8241	3.86	0.48
SEOM. MEAN		0.00206	0.0013	0.0203	0.00	50090	3.01	0.35
IST QUARTILE	•••	0.00130	0.0008	0.0153	0.00.00	0000	3 70	0.48
2ND OURRILLE	••	0.00160	0.0012	0.021/	0.00/1/	00000	0 0	7.7
TABLETIE	**	0.00301	0.0018	0.0272	0.00922	0.93%	0 0 0	
The state of the s		-	-	1		-	1.00	T.00

ONTARIO MINISTRY OF THE ENVIRONMENT APIOS - ACIDIC PRECIPITATION IN ONVARIO STUDY STRANBY STRATISTICS OF CONCENTARION

# OF SAMPLES : MAXIMUM : HINIMUM SARIH, MEAN : ARITH, STD, DEV : GEOM. MEAN :	SOLE UK. DIOA	SOUTH	0				
DE SAMPLES : XIMOM : NIMOM : ITH. MEAN : ITH. SED. DEV : OM. MEAN :	100	DG/M3	UG/M3	DG/M3	DG/M3	DG/M3	UG/M3
XIMOM  XIMOM  ITHOM  ITH. MEAN  ITH. STD. DEV  OM. MEAN	65	65	65	65	65		
KIMUM NIMUM ITH. MEAN ITH. STD. DEV	20 00	11 71	0.421	1.473	5.849		
NIMOM ITH. MEAN ITH. STD. DEV OM. MEAN	20.02	000	0000	0.013	00000		
ITH. STD. DEV :	0.07	0.0	900.0	0 703	0.712		0.051
ITH. STD. DEV :	8.44	3.12	0.136	0000	1 000		
OM. MEAN :	4.66	2.50	0.072	0.332	7.037		
JES FRENCE	6.49	2.82	0.115	0.588	0.398		
· DATE THE PARTY OF	4 36	1.96	0.087	0.473	0.167		
IST QUARTITE	000	2 45	0.122	0.719	0.364		
ZND QUARTILE :	0.03	000	0 183	0.934	0.648		
3RD QUARTILE :	11.93	06.7	200		0		
MISSING VALUES :	7	7	7	The same of the sa	TEND		COD
	SODIUM	IRON	ALUMINION	MAGNESTOR	The state of the s		CW/ 200
	DG/M3	UG/M3	DG/M3	DG/M3	DG/M3		20/20
. Darming and H	65	65	65	65	65		69
or sentences	0 220	0380	1.030	1.138	0.046		0.013
MAXIMOM	0.520	000	000	00000	0.000		000.00
NIMOM :	0.0	000	24.0	0 153	0.010		0.003
ARITH. MEAN :	0.156	0.203	751.0	0000	0 010		0.002
TH. STD. DEV :	0.063	0.33/	191.0	1000	0 007	0.0067	0.003
GEOM. MEAN ::	0.144	0.115	0.086	0.083	600.0		0.002
1ST OURRILE :	0.111	0.065	0.045	0.027	100.0		0 003
. STATEGATION	0.150	0.123	0.094	0.0.0	0.006		
one organization	0.188	0.197	0.212	0.167	0.015		0.00
CONTRACTOR		6	2	2	7	8	
MISSING VALUES	7	MILITARIAN	CALO	CADMITON	SULFATE NYL	TOTAL	TOTAL N
	NICKEL	VANADLUM	PTING	-		SULFUR	NITRATE
		200 000	TIC /W2	TIC/M3	DG/M3	DG/M**3	UG/M**3
	UG/M3	06/M3	200	37	59	65.00	65.00
OF SAMPLES :	65	69	2000	20000	1 0212	11.04	1.62
: :	0.09583	0.0075	0.08//	0.02138	0100.1		0 00
MINIMIM	0.0000	0.0000	9000.0	0.00000	0.0000	0.0	20.00
THE MENN	0.00418	0.0016	0.0267	0.00456	0.9449	5.46	0.04
ARLIE FEMA	0 01193	0 0017	0.0190	0.00524	0.4035	2.54	0.36
ITH. STD. DEV :	0.00001	0 0013	0.0187	0.00199	0.8820	4.38	0.72
GEOM. MEAN	0.00221	2000	0 0136	0.00058	0.6675	3.31	09.0
1ST QUARTILE :	0.00129	0.000	0.0238	0 00008	0.8552	5.40	0.85
2ND QUARTILE :	0.00202	0.0013	0.0250	D 200.0	1 1088	7.66	1.12
3RD QUARTILE :	0.00407	0.0018	0.0330	3.00	2	2.00	2.00
MISSING VALUES :	2	7	7	7			



